

X660 GSM Mobile Phone

User Manual

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1、For your Safety and Notice

Please read these safety guidelines before using your mobile phone to assure the safe and obey the law.

For driving safety

While driving please obey local laws and regulations with regard to mobile phone use. Under very rare circumstances using the mobile phone in certain model cars may negatively effect the internal electronic equipment. In order to assure your safety under such circumstances please do not use the mobile phone. If your car is equipped with an airbag, please do not place your phone on top of, or within the contact area of the airbag in order to avoid seriously harming the driver or passenger when the airbag inflates.

Please turn off your mobile phone on airplanes

Please turn off your mobile phone on airplanes, where restricted mobile phone use, otherwise the normal operation of electrical equipment will be affected.

Near volatile area

Please obey laws, regulations and signs, turn off your cell phone when near an area of volatile materials.

Near danger materials area

Please obey laws, regulations and signs, turn off your cell phone when near an area storing fuel, chemicals.

In hospital

Please turn off your mobile phone in hospitals especially near the medical instruments. Otherwise the normal operation of medical instruments will be affected by mobile phone and any other wireless transferring device. Please obey local regulations when using your mobile phone.

Interfere

Please do not use your mobile phone near low signal or precision electronic equipment. Radio wave interference may cause the malfunctioning of such electronic equipment and other problems.

Professional Service

Only professionals can assembly and repair the phone. Otherwise will be danger and damage the device and can not get the repairing guarantee.

Accessories and battery

In order to prevent damage to your mobile phone, only accessories, designated by your manufacturer such as batteries and charge, may be used with your mobile phone. The use of other batteries or chargers could result in battery leakage, overheating, cracking, fire or other malfunctions. Do not dispose of old batteries with everyday domestic garbage. Please dispose of old batteries at the directed places with specific rules for their disposal.

Use normally

Please do not subject your mobile phone to high temperatures (over 60°C) such as in direct sunlight, high humidity or dusty places; otherwise this may lead to the malfunction of your mobile phone. Please do not use alcohol, thinner, benzene or other solvents to wipe the mobile phone. Use a soft, dry cloth or anti-static cloth to clean the mobile phone, battery and charger.

Children's safety

Please do not put your mobile phone and accessories on any place where the children can get

touch with them.

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.

The user is cautioned that changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

The phone with internal antenna has been tested for compliance with FCC RF exposure (SAR) limits and is complied with FCC RF exposure compliance requirements.

Head: 0.450W/kg (At Left-Check High Channel)

Body: 0.392W/kg (At body high Channel), During body worn operation, the device must be kept at least 1.5cm from the body.

2、Specification parameters

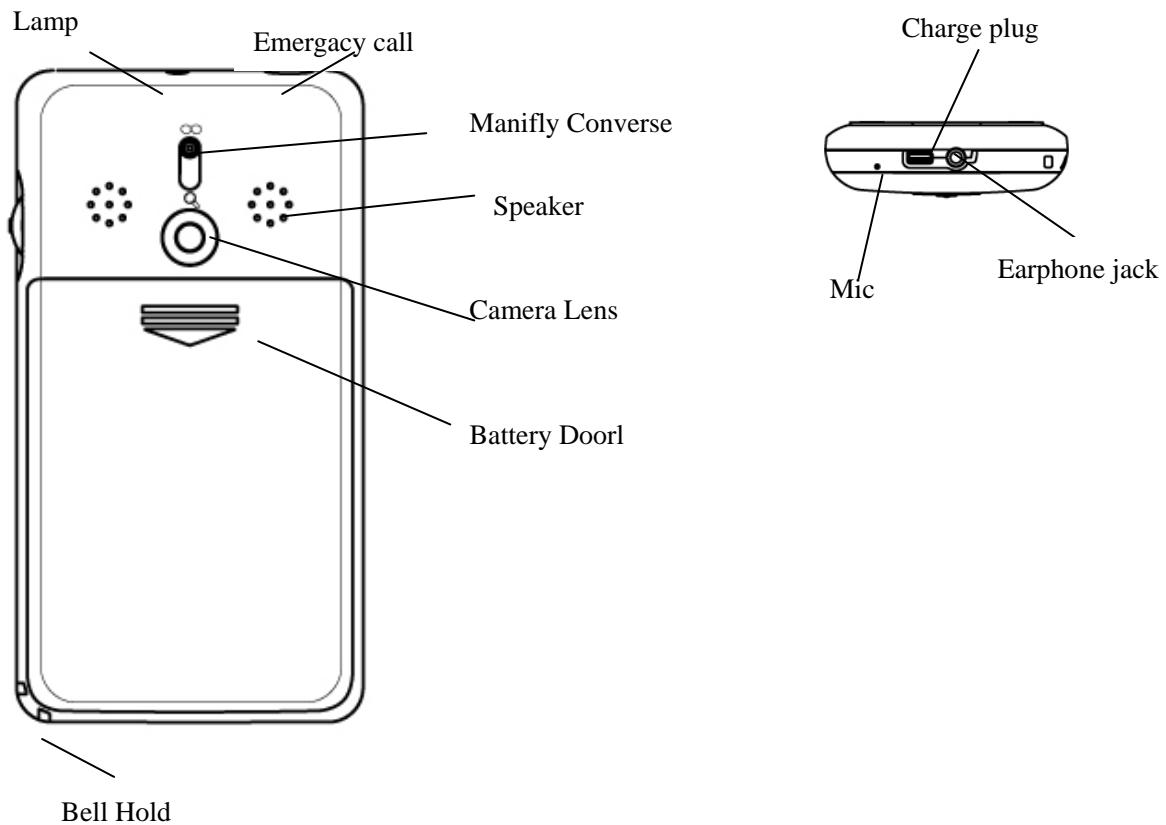
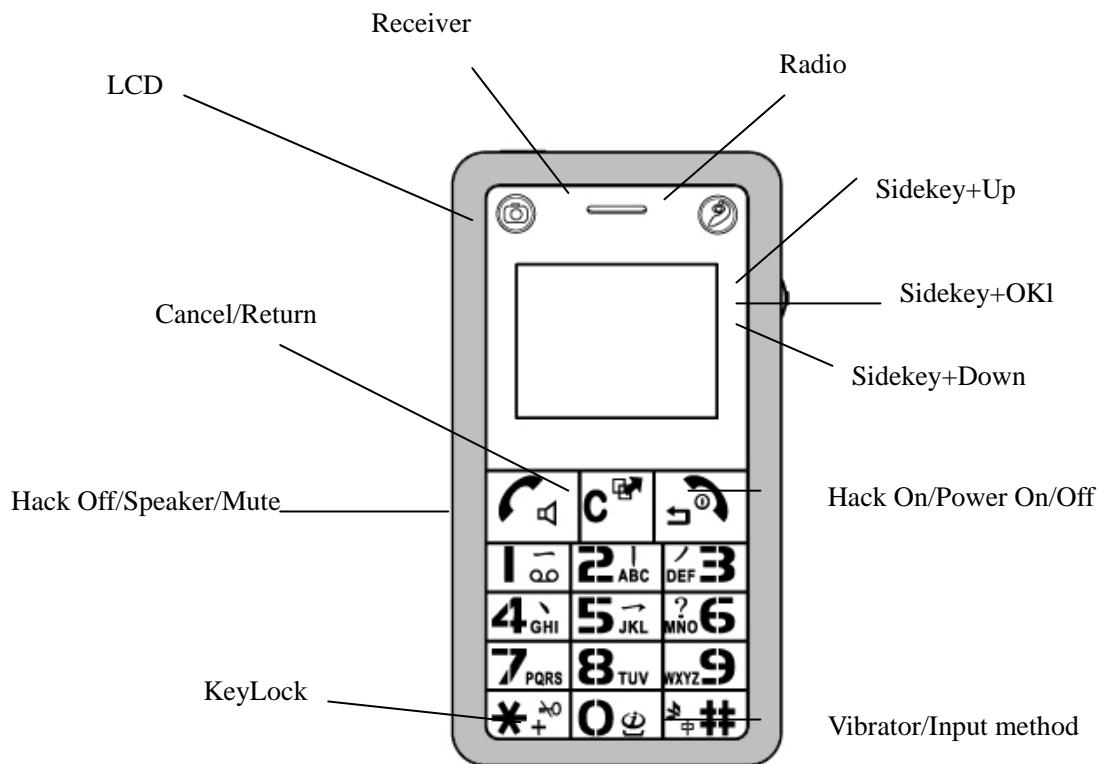
Function	Description	Remark
Dimensions	110×55×16 mm	
Display	1.44 STN 160*128	
Weight	70g	Without battery
S I M Card	3V small card	*
Frequency	GSM850/1900 dual bands	*
Phonebook capacity	SIM card depend on the network operator;100 pieces capacity in phone	*
Camera	0.3M Pixels	
Vibrate / Backlight LED / Chord Ring tone	support	
Call divert / Call barring service	support	*
Call waiting / Con-call	support	*
Alarm / Calendar	support	
Phonebook	support	*
S T K	support	*
Auto redial	support	*

Standby Time	150 hours	(depends on network)
Talk Time	3 hours	(depends on network)
English input	support	

P.S.: * symbol indicates the relative function or service should supported by network or SIM card.

3、Phone layout and keypad

3.1 Layout



3.2Keypad

Telecommunication key ( calling key,  end key)



Calling Key:

- ① Dial a phone number (when had input the numbers or on the phonebook mode) and answer a call;
- ② In standby, show all call lists;
- ③ Carry out the function of icon  at the bottom of display, confirm the current option and then pop submenu.(All these are related with the current status of phone)
(Notice: When you communicate with another people, press this key you can turn into the menu.)



End Key:

- ① End or reject a call;
- ② Carry out the function of icon  at the bottom of display, return to standby mode;
- ③ Press and hold for 3 seconds can turn the phone on/ off.

Notice:1) When you communicate with another people and come into the Main Menu, press this key you can return to talk menu.

2)Press this key you can immediacy come into the **Phonebook**.



[C] Key: Carry out the function of icon  at the bottom of display, return to the higher level menu.

Notice:1) When you communicate with another people and come into the Main Menu, press this key you can return to talk menu.

2) Press this key long-playing, you can come into the **GSS**, its function can help you find out orientation. You can use it send out the message.

3) When you write the message. **Press [C] Key** can help you delete it.

Navigation key and Function key:

SideKey + OK: confirm the current option and enter next level menu;

SideKey + UP/Down: ① Move cursor upward/downward, select settings or options;

② Turn up the volume of FM radio, Ringtone.

Notice : 1) Press **SideKey + UP** when you communicate with another

people ,can tune volume.

2) When you communicate with another people, press **SideKey + Down** you can turn over the talk list.

Shortcut key1: You can carry out the camera function as soon as possible. Press this key long-playing can open torch.

Shortcut key 2 : Press this key long-playing can come into the **Hearing Aids**. Press it short time you can come into the **FM**.

Shortcut key + SOS: When you fall across difficulty , you can use it .

At first you must conserve the number in the telephone .

Then you can use it immediacy .

- **Number Keys:** 0-9 Number Keys,  and  keys: enter numbers and characters; adjust volume in FM radio; select menus directly; input the PIN, symbols and Chinese, etc...
- When edit phonebook, can press  to input different symbols. In profiles,  key can let profiles from other modes to conference
- When make an international call, continually press “ key” for 2 times can input the “+”symbol and 3 times can input the “P” symbol.
- Press 2-9 number keys , and then press **Calling Key**, can set as speed dials shortcut.
- Press **SideKey + OK** key to open handsfree in a call.

4 Icons

4.1 Display

The main screen display background picture, and above background image state icons and text characters are also shown.

4.2 Area and explanation

	Strength of signal(non-GPRS)
	Non-signal
	You have new SMS
	You're roaming
	Headset
	Keypad is locked
	Alarm clock is active
	Vibration Only
	Vibrate and Ring
	Ring Only
	No Vibrate or Ring
	Battery indication

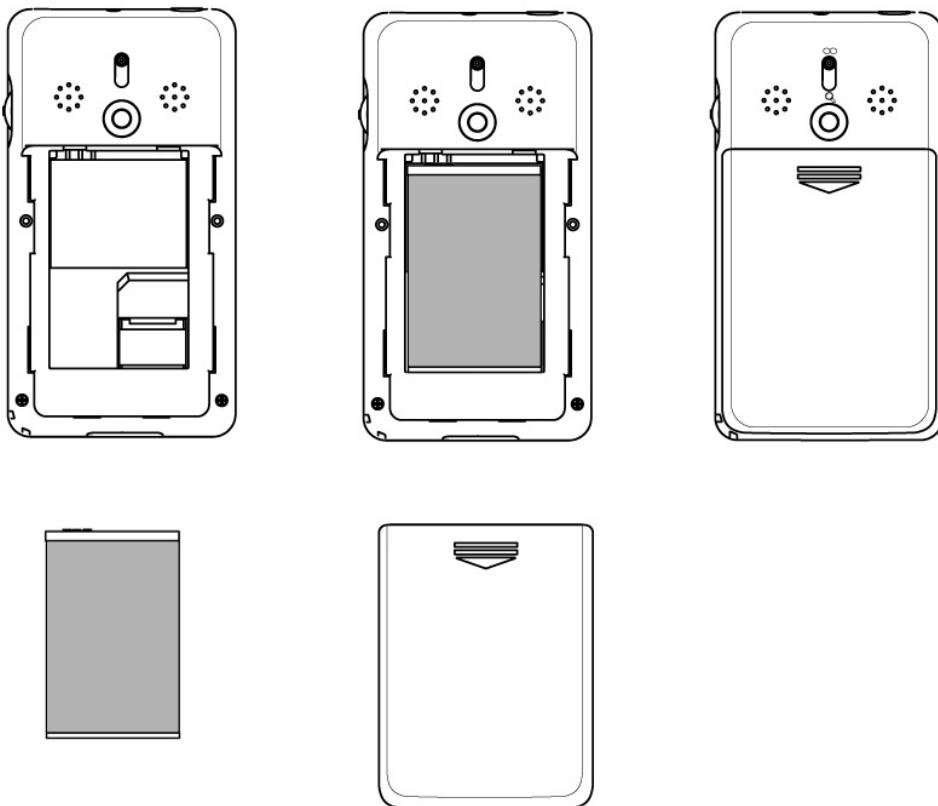
(实际需要根据的预制 MMI 更换图标)

5 Before use

5.1 Battery

Insert Battery: Slide down the battery cover; Insert the gold-colored contactor end of the battery, into the battery slot. Push down on the other end of the battery to snap the battery into place. Slide the back cover towards the top of the device until the back cover is securely in place.

Remove Battery: Turn back and push down the battery cover to remove the battery, put up the battery along the gap of the mechanical structure.



Battery Charging

* With the rechargeable battery for this model. New batteries may require a longer charge time about 12 hours for 3 days. It's best to use out of the battery and then to charge it..

Notice: The standby time and calling time provided by the factory are based on ideal working conditions. During actual use, the work time of the battery may change according to the network situation, work environment and mode of use.

- Plug the charger into the electrical outlet.
- Plug the charger connector into the bottom of the phone (with the arrow pointing upward).
- At this time the charge icon will be shown at the top right corner of the mobile phone's screen; if the mobile phone is charging while power off, a charging indication will appear on the screen. If the mobile phone was used even after there was insufficient power, it might take some time after having begun charging until indication of charging appears

on the screen.

- When the battery level icon indicates that the battery is full, this means that the battery is fully charged. If charging while power off, there will still be an indication on the screen shows that the charging is complete. It is normal that the mobile phone and charger will become warm during charging.
- When charging is complete, unplug the charge connector from the electrical outlet and the mobile ph

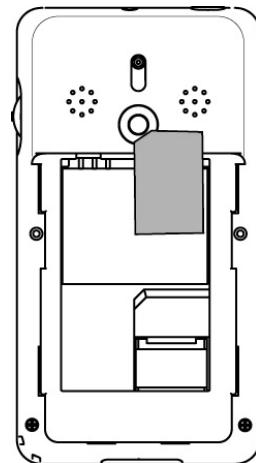
5.2 SIM CARD

Insert SIM card: Turn off the phone;

- 1、with the back of the phone, remove the battery and unplug other external power sources.
- 2、Turn the metal interface contact of SIM card down place, Insert SIM card into card slot until it completely fixes in slot.
- 3、Slide the back cover towards the top of the device until the back cover is securely in place.

Remove SIM card: Turn off the phone;

- 1、with the back of the phone, remove the battery and unplug other external power sources.
- 2、Hold the SIM card down and slip it out of the slot.



6、Basic Operation

6.1 Turn Your Device On / Off

Make sure of your battery put on. Press  and hold on about 3 seconds to turn you device On/ Off.

If you turn on the phone without inserting SIM card, the phone will indicate “No SIM Card”. After insert SIM card, the phone will check automatically whether the card can use or not.

Then the display will show following indication one by one:

Enter Password —If you have set Phone Lock. Default is 0000.

Enter PIN— If you have set SIM Lock. If you do not know the PIN, please contact with the network operator.

6.2 Key locks and unlock

Manual set the key lock: Under the standby condition, press the “*”key , you can lock the key.
Unlock the key: Press the [C] Key, then press the “*” key continually to unlock the key.

P.S. Coming a call, you can press the  key to get your call even the keys are locked. But as soon as you reject or finish the call, the keys will be locked again just as they are locked before the call's coming.

So, if you want to set the lock to be automatically, you can find some suggestions in the chart about “Settings—Phone setting—Keypad locking settings”.

Furthermore you can make emergency call by inputting the relative numbers and then press the

 key even the keypad is locked.

P.S. The number will be shown when the last number is input.

6.3 Make a dial

When the network operator's name shows on the display, you can dial numbers. The signal on the up- left corner screen, it will show the strength of signal (when there are five bands, it shows the best signal).

Barriers influence the talking quality. Moving in small areas can improve the talking quality.

Making Domestic Calls

Press number keys to enter the telephone number, and then press calling key . If you need to change the phone number, please press the [C] Key to delete a character at left of the cursor. The dialing animation will appear on the screen during dialing. When the other party picks up the phone, the screen will display information about the call.

Press  to end the call.

Making International calls

Making international calls you should press the  key two times until the international phone prefix “+” appears on the screen. It will allow you to call from any countries when you don't know the local international call prefix (e.g. 86 stands for China).

After entering the prefix, enter the country code and full number you wish to call. The country code is according to convention: Germany is 49, England 44, Sweden 46 and so on.

When making international calls, you should omit the initial 0 of area codes.

For example: + Country code area code telephone number calling key

Calling Fixed Line Extensions

Some fixed phone extensions cannot be called directly. You must go through the switchboard before dialling the extension. When you enter the telephone number, you may add the pause code “P” between the switchboard number and the extension number, this phone will

automatically connect you with the extension. The “P” is entered by pressing  key three times (at this time the screen will display the letter “P”).

For example:

Area code switchboard number P extension number calling key

Dialing Calls from the Call Records

All the calls you make, receive and miss on your phone are saved in the call records of your mobile phone. The recently dialled and received calls are found at the top of the call records. The call records are categorized into dialled, received and missed calls. Your mobile phone also allows you to look up all recorded calls. When the call records are full, the old numbers are automatically erased. To look up numbers in the records you must follow the key sequences:

- On standby press calling key  to see the record of all numbers.
- All the numbers in the records may be dialled directly by using Calling key .

When the call records appears, you can press the **SideKey + OK** “Option” to carry out following functions on numbers in the call records: **“Dial to”, “Send Message to”, “Delete”, “Save number”, “Delete all”, “Show Number”**

Make a call from Phone book

Press  or press **SideKey + OK** to access **Phone Book menu**. Then you can look up the right number to make a call. Finding it you can press calling key .

Dialing the voice message box:

Under the condition of standby, press continually the  key or press  and then the  key to get into the voice message box. If the box numbers are necessary, just input them.

Emergency Calls

If you are located within the network area (you can find this out by referring to the network strength indicator located on the upper left-hand corner of your mobile phone screen), you should be able to make emergency calls. If your network operator does not provide roaming where you are, **“Emergency only”** will appear on the screen. If you are located within a network area, even if you do not have a SIM card, you will be able to transmit emergency calls.

With the operator's support, you can use this function. There are different of emergency numbers in different countries. So the emergency number of the mobile will not work in everywhere.

Receiving Calls

You can choose different ways to receive calls. If the earphone has been inserted, you can press keys in earphone to answer a call. If you set **Any key answer** as **On**, any key can receive calls except **End Key**, **[C] Key**, **SideKey + UP/Down**

Settings when calling

When there's a coming call, you can press the **SideKey + Down** key to avoid the ring or vibrate and press **SideKey + UP/Down** to set the volume.

Call Waiting

If your network operator support and you had activate it, you will hear the waiting voice if there's a

new call during talking.

Con-call

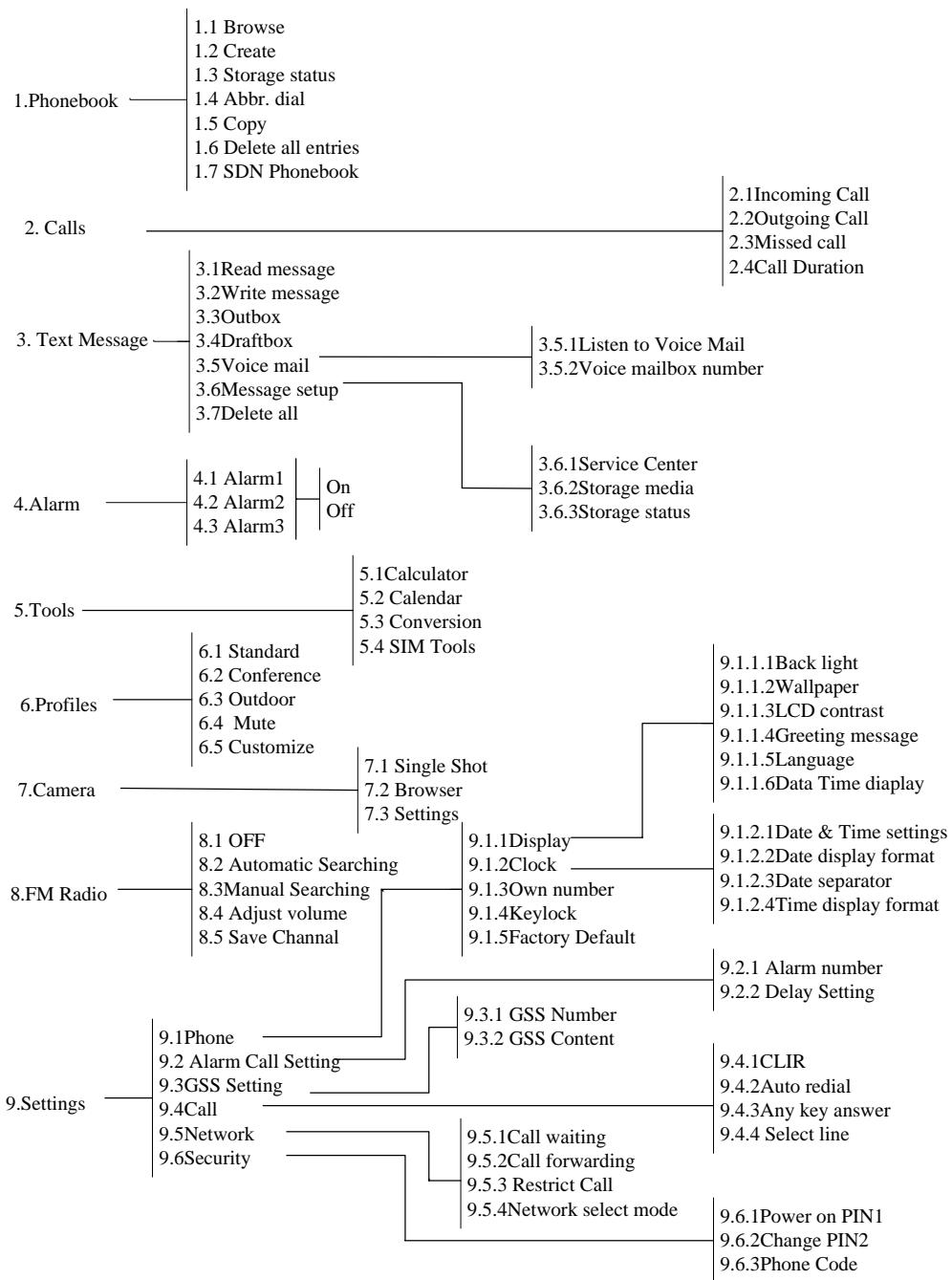
It depends on the network suppliers' support.

Talking Options

During talking, press left soft key to enter options, to pause or restore talking, end talking, open phonebook, view SMS, etc...

During talking, you can press it enter the hands free mode.

7、Menu tree



8、Phonebook

Note: The phone can store 100 pieces of entry, and the storage of SIM card depends on the card's capacity.

Click “**Phone Book**” or press **SideKey + OK** or  key “” to access Phone Book menu.

Browse: Browse the phonebook

Create: Add new entry of Phone Book to **SIM card or phone**.

Storage status: show you the relative storage state about all the numbers in the phone and SIM card.

Abbr. dial: You can dial pre-programmed numbers stored on your phone. Your service provider may program your phone with one or more quick dial numbers, such as the customer service number. You can call them by selecting them from the quick dial list.

Access this function, you can see the quick dial list.

If the list item is “invalid record”, you can press “confirm” to go to settings/edit.

Fixed dial: When you turn on fixed dial, users can only call numbers stored in the fixed dial list. Fixed dial list entries can be any length. If there is a fixed dial entry for the digits 138, users can call any number that starts with 138. You must enter your SIM PIN2 code, from your network service provider, to edit fixed dial entries.

In the fixed dial list, you can create, edit, delete, and sort entries just like in the phonebook list.

Fixed dial list entries are stored on your SIM card.

Note: Employers can use fixed dial to limit employees' phones to a predefined list of numbers, country codes or other prefixes.

Enable FDN: To activate fixed dial.

Copy: Selecting **From SIM** can copy all number entries to phone while selecting **From Phone** can do reversed operation.

Delete all entries: selecting **Delete all SIM entries** or **Delete all ME entries** can delete all entries from SIM or from phone respectively.

SDN phonebook: Dial pre-programmed numbers stored on your SIM card. Your service provider may program your SIM card with numbers for services such as taxi companies, restaurants, and hospitals.

9、Calls

9.1 Incoming call

Access **Incoming Call** menu, will show received calls list which includes date, time and name (if the number has been saved in phone book). Select one of the lists and press **SideKey + OK** key to do some operations such as sending message to, delete, saving the number, delete all, showing the number.  key “

9.2 Outgoing call

Access **Outgoing Call** menu, will show dialed calls list which includes date, time and name (if the number has been saved in phone book). Select one of the lists and press **SideKey + OK** key to do some operations such as sending message to, delete, saving the number, delete all, showing the number.  key “

9.3 Missed call

Access **Missed Call** menu, will show missed calls list which includes date, time and name (if the number has been saved in phone book). Select one of the list and press **SideKey + OK** key to do some operations such as sending message to, delete, saving the number, delete all, showing the number.  key “

9.4 Call Duration

In this menu, you can view call time log of phone up to now.

- **Last Call Duration** Show last call time.
- **Outgoing Duration** Show total call time of dialed numbers.
- **Incoming Duration** Show total call time of received numbers.

10、Text Message

You can send and receive short message by SMS center.

The phone supports long SMS (capacity 100 Chinese input).If there is new SMS, the icon  will appear at the top of the screen. If the inbox is full, a flash icon  will appear at the top icon area. You should delete some of them to receive new SMS.

10.1 Read message

Access **Read message** to view the received SMS list. If no any SMS, indicate with blank.

Select one of the lists and press **SideKey + OK** or  key “ key “

Delete: Delete current message.

Text Reply: You can choose the following way to reply: Only sending; only saving, saving and sending.

Forward: Forward current message.

Edit: Edit the message.

Dial back: Dial the sender.

Extract number: Save the number of the message into the phone or the SIM card.

10.2 Write message

Please check whether the right number of message service center has been set before you write a new message.

Accessing **Write Message**, you can edit short message.

- **Input Method** The phone provides 6 input methods for you to select.
- After edition is done, you can select **Only Send** and then enter number, or press “**Search**” to select the receiver’s number; or select **Only Save**, then the message will be saved into drafts, or select **Send and Save**, the message will be saved into outbox after it is sent.

10.3 Outbox

Access **Outbox** to view the messages you saved (including SIM and phone).

In **Outbox** list, you can press **Up/ Down Key** to scroll through messages, press **SideKey + OK** to read message detail, and then press **Option** to access following operations:

Delete Delete current message.

Forward Forward current message.

Dial back Dial back the sender .

Save Number Save the phone number of the sender into the phone or the SIM card.

10.4 Draftbox

Draftbox save unfinished SMS which can be revised and sent.

Press **Accept** to access **Draftbox** submenu and the phone will show SMS list in **Draftbox**. Scroll

Up/ Down to view SMS and press **SideKey + OK** or  key “

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operation:

- Delete:** Delete current message.
- Forward:** Forward current message.
- Edit:** all SMS in Drafts.

10.5 Voice mail

You can listen to your voicemail messages by calling your network voicemail phone number. Voicemail messages are stored on the network—not on your phone. Contact your service provider for more details. Store your voicemail number in your phone to make it faster and easier to use voicemail. Your voicemail number is provided by your service provider. Once you store your voicemail number, you can listen to your voicemail messages at any time: Your phone calls the voicemail phone number you stored. If you do not have a voicemail number stored, the phone guides you through storing a number.

10.6 Message Setup

Before using SMS function, you must make relative setting. Accessing **Message Settings**, you can select one of the following functions:

- **Service Center:** Edit and save the SMS center number (this number can be obtained from the network operator). The messages can be sent successfully only by saving the center number correctly.
- **Storage media:** It can be set **SIM preferred** or **Phone preferred**
- **Storage status:** Show the memory status of SIM card and phone as n/m form, of which n is current amount of message; m is maximum capacity of SIM card or phone. The message saving number of SIM card depends on the capacity of card.

10.7 Delete all

This setting can delete all the SMS of the inbox, drafts box, and outbox. You can delete one of them or all of them.

11 Alarm

You can set three alarm clocks in this menu. The alarm is effective even though you turn off the phone. Select one alarm clock, then pop options **On/Off**, you can set alarm time or Let alarm Off.

12 Tools

This menu contains 4 functions: **Calculator, Calendar, Conversion and Sim Tool Kit**

12.1 Calculator

Your mobile phone provides a calculator with 4 basic functions to facilitate simple calculations.

Enter the “**Calculator**” submenu to display the operation interface of the calculator:

- Use the **Number keys** from **0** to **9** to enter the numbers you wish to enter. Use the **# key** to enter the decimal point. By pressing **SideKey + UP/Down** or *** key** to change the mathematical operators **+**, **-**, **x** or **÷**, then pressing **SideKey + OK** to choose it.
- Use the **Number keys** from **0** to **9** to enter the other numbers you wish to enter.
- By pressing  ,you can get the compute result.
- By pressing **[C] Key** you can delete the last entry or result. Press the  Key  to exit the calculator.

12.2 Calendar

Enter “Calendar”, Monthly view provides an overview of the selected month and weeks. It also allows you to jump to a specific date. Press **SideKey + UP/Down** to change the date, the calendar in the bottom of screen will update accordingly.

12.3 Conversion

You can use your phone as a conversion, contain converting Currency, Landmeasure, Energy, Length, Quality, Power, Pressure, Temperature, Time and so on.

12.4 SIM Tool

STK is value-added service supplying by network operator.

You can't use the function if SIM card and network operator don't support the service. You can consult with network operator for more information.

13、Profiles

Your phone rings or vibrates to notify you of an incoming call, message, or other event. This ring or vibration is called an *alert*. Your phone has various user profiles for which you can customize the phone tones for different events and environments. The following profiles are available: **Standard**, **Conference**, **Outdoor**, **Mute** and **Customize**. You can modify the settings in each profile.

Standard Be available in normal setting.

Conf. Be used in Meeting profile, it should be set beforehand. (Example: change ringing to vibrating.)

Outdoor For outdoor activities, it should be set in advance. (For example, be available to set the ringing to much high volume.)

Mute keep the phone to be quiet.

Cust. :

You can customize a profile by changing the alerts used for specific events (such as incoming calls, text messages, etc.). Your phone includes a variety of preset alert tones and vibrations. Any changes you make are saved to the current alert profile.

Note: five profiles have been set by the factory, and defaulted to active **Standard** mode.

Press **SideKey + UP/Down** to scroll to the profile you want to use and press  key or **SideKey +OK**.

Set as default: Active the profile you select.

Personalise: you can change the settings of the selected profile.

Reset: you can reset the profile to default.

Title: you can change the name of the profile.

14 Camera

The phone has internal high definition CMOS camera with 0.3M pixels, you can take photo at your pleasure and save it in phone or memory card.

14.1 Single Shot

You can pre-view the scene and choose what to take photos after configuring the parameter using **SideKey + UP/Down**. Pressing the “shoot” key or **SideKey + OK** key, the scene you chosen will be taken and you can save the picture to your album.

Attention: when 640*480, you can not configure parameters.

(**Notice:** When you come into this interface, turn on the offside switch, you can come into the magnifier function.)

14.2 Browser

Show picture list of album.

14.3 Settings

You can configure the different parameters to take pictures.

Shutter sound: To confirm whether there is a ring when shooting or not;

Resolution: The Image Size can be adjusted as 128×160、240×320、640×480

Special effect: normal, Monochrome, sepia, negative.

15 FM Radio

This function provides you an FM radio. Access FM Radio, the default channel is 87.5MHZ; press

SideKey + OK or  , enter submenu.

OFF: turn off FM Radio by pressing **SideKey + OK**,

Automatic Searching: change FM channels automatic by pressing **SideKey + UP/Down**,

Manual Searching: change FM channels manual by pressing **SideKey + UP/Down**

Adjust volume: adjust the volume by pressing **SideKey + UP/Down**,

Save Channel: Save FM channels, Convenient you to search.

16、Settings

This menu includes all kinds of individuation settings. In it, you can set your mobile phone in the menu according to your using habit including Phone settings , Emergency Call Setting , GSS setting, Call setting, Network setting, Shortcut and Security.

16.1 Phone

16.1.1 Display

You can set the amount of backlight, wallpaper ,greeting note, language and date display in your display. Press **SideKey + UP/Down** to change it.

Backlight: You can choose whether the backlights will be always on, on for a specific amount of time such as 15 seconds, 30 seconds.

Wallpaper: to set your wallpaper under standby condition.

LCD contrast: You can set the amount of contrast in your display. Press **SideKey + UP/Down** to change it.

Greeting message: It is allowed to change greeting text displayed when you turn on the device.

Language: You can select a different language for your phone's display.

Date display: Set whether display the date in the idle screen.

16.1.2 Clock

Date &Time Settings: Input the current time and date directly.

Date display format: Set date format as one of the following: DD/MM/YY, MM/DD/YY and DD/MM/YYYY,MM/DD/YYYY and so on according to your fondness.

Date Separator: There are four kinds separator, such as 01-01-05, 01/01/05, 01.01.05,01 01 05.

Time display format: Set your time format as 12-hours or 24-hours.

Note: When you remove the phone battery, the stored time and date is displayed the next time you turn the phone on. You may need to reset the time and date, depending on how long the phone is without power.

16.1.3 Own number

Enter your phone number here.

16.1.4 Keylock

Set the auto keypad lock function of mobile phone, confirm to enter keypad lock setting interface,

you can select respectively **disable** (Auto Keypad Lock will be unavailable to lock the keypad), **30/60 seconds**. In standby mode, the keypad will be locked if there is no operation in relevant time. Press the **key [C]**, then long press “*” key to unlock the keypad. The default setting is to disable the auto lock.

16.1.5 Factory Default

Under this menu, enter Phone lock password and confirm it. when the handset is powered on again, some relevant parameters will be reset to the factory settings. Default password is 0000.

16. 2 Alarm Call Setting

Alarm Number : Input the emergency numbers , press "Calling Key" to conserve it

Delay Setting : Wait for a moment to dial a number.

16.3 GSS Setting

Press **[C] Key** long-playing, you can come into the **GSS**, its function can help you find out orientation. You can use it send out the message give service center.

16. 4 Call

CLIR: This service depends on the service provider's support. You can select ON to disable your phone number display on the phone you dial.

Auto redial: You can select ON to set the phone to auto redial the phone number while the call was unconnected or busy.

Any key answer: When you activate Any key answer, you can press any key to answer the call

(except  **End key** , **[C] key** and **SOS key**.)

Select line: This function need network support .

16. 5 Network

16.5.1 Call Waiting

If you subscribe to call waiting, an alert tone sounds while you are on a call to indicate that you have received a second call.

- **Interrogate** Query Status of this function
- **Activate** Activate the mode

- **Deactivate** Deactivate the mode

16.5.2 Call forwarding

“Call Divert” network service allows the business incoming call to be diverted to your named telephone number based on some preplanning. You can set and cancel this function which needs the network supporting. Please contact with the network operators.

“Call Divert” include : **Unconditional divert, Divert when busy, No answer divert, No service divert.**

- **Interrogate** Query Status of the mode.
- **Activate.** Set up the current incoming diverted number
- **Deactivate** Deactivate Call Divert

When you don't need this service, you can cancel Call Divert to stop the above function.

16.5.3 Restrict calls

Access “Call Barring” submenu; you can setup any following barring combination to increase security. Some network operators can't provide such service, for detailed information, please contact with local network operator. Network operators provide “Call-bar Password” with four numbers so that you can activate “Barring Code”. In this menu, you can restrict the following callings respectively.

- **All Outgoing Calls** It may **Activate, Deactivate, or Interrogate** all the outgoing calls.
Once all outgoing calls are barring, the device can not dial any numbers except emergent number.
- **All Int'l call** Restrict dialing international long distance phone numbers
- **Int'l except to home** | Restrict dialing international long distance phone numbers except to home.
- **All incoming call** Restrict all the incoming calls and incoming calls when roaming. When this is turned on, you will be restricted by the network operator and can not receive any incoming call.
- **Incoming while roam** Restrict international incoming calls when roaming. When this is activated, you will be restricted by the network operator and can not receive any international incoming call when roaming.

16.5.4 Network Select Mode

Operate the following two ways to select communications networks.

Automatic Automatically select the service operator according to **SIM information**.

Manual Select network service manually. The mobile phone will search the current list of service operators for users according to the SIM Styles.

16. 6 Security

Enter this menu and you can set the safety options of the phone to avoid the phone or the SIM card being used illegally.

-Power on PIN1:

The PIN1 code can protect your SIM card and prevent your SIM card being used illegally. You can set the following:

●On: If currently the PIN1 code is set to off, select on. Input the correct PIN1 code and this function will work. Next time when you power on the phone, you need to input the correct PIN1 code before you can enter. The SIM card is protected by the PIN1 code.

●Off: If currently the PIN1 code is set to on, select off. Input the correct PIN1 code and you can turn off the PIN1 code protection.

●Change PIN1: If you want to change the initial PIN1 code, Select **Change PIN1**, and input the correct initial PIN1 code. The phone will prompt the new PIN1 code for two times. Finally, it will prompt whether the change is successful. You can change the PIN1 code only when PIN1 code is set to on. If it is set to off, this function is ineffective.

Attention: If you have input a wrong PIN1 code for three times in sequence, the SIM card will be locked. At this moment, you need a PUK code to unlock the SIM card. The PIN1 code and the PUK code may be provided to you with the SIM card. If none, please contact your network operator.

-Change PIN2:

Input the correct old PIN2 code, and then you can set the PIN2 code.

-Phone Code:

This function can lock/unlock the phone. If you select on, you can select Verify when power-on or Verify with new SIM. It also can be set to on, off, and change. The default phone lock code is “0000”.

17. Hearing aids

Plug in earphone, press **shortcut Key 2** and hold for 2 seconds, “**hearing aids**” is **shown** , this function help you listen more clearly.

18、Input method

English and Number input

The definition of keypad under English and Number Input:

Key	Character or Function
Number key 1	,
Number key 2	a b c and as at
Number key 3	d e f for from do
Number key 4	g h i in he his it
Number key 5	j k l like little
Number key 6	m n o of on not
Number key 7	p q r s she so
Number key 8	t u v the to that
Number key 9	w x y z was with
Number key 0	Blank,0
 key	Press this key to bring up the input box for symbols
 key	To switch input modes
SideKey + UP	To page up or move the cursor left
SideKey + Down	To page down or move the cursor right
 key	To return to the standby interface

19、Appendix

19.1 Battery Safety

- Do not disassemble or modify the battery, as this will cause the battery to leak, overheat, crack and catch fire.
- Do not dispose of old batteries with everyday domestic garbage. Please dispose of old batteries at the directed places with specific rules for their disposal.
- Please do not put/throw batteries into a fire, as this will cause the battery to catch fire and explode.
- When installing the battery, do not use force or pressure, as this will cause the battery to leak, overheat, crack and catch fire.
- Please do not use wires, needles or other metal objects to short-circuit the battery. Also, do not put the battery near necklaces or other metal objects, as this will cause the battery to leak, overheat, crack and catch fire.

- Please do not solder the contact points of the battery, as this will cause the battery to leak, overheat, crack and catch fire.
- If the liquid in the batteries goes into the eyes, there is a risk of blindness. If this occurs do not rub the eyes, but immediately rinse eyes with clear water and go to the hospital for treatment.
- Please do not use or place the batteries near high temperature places such as near a fire or heating vessel, as this will cause the battery to leak, overheat, crack and catch fire.
- If the battery overheats, changes colour, or becomes distorted during use, charging, or storage, please stop using and replace it with a new battery.
- If the liquid from the battery comes in contact with skin or clothing this could cause burning of the skin. Immediately use clear water to rinse and seek medical attention if necessary.
- If the battery leaks or gives off a strange odour, please remove the battery from the vicinity of the open fire to avoid a fire or explosion.
- Please do not let the battery become wet as this will cause the battery to overheat, smoke and corrode.
- Please do not use or place batteries in places of high temperature such as in direct sunlight, as this will cause the battery to leak and overheat, lower performance, and shorten the battery's life.
- Please do not continuously charge for more than 24 hours.
- Please place the battery in a cool, shady and well-ventilated place out of direct sunlight.

19.2 Use Safety, Clearing and Maintenance

- Please keep mobile phones, batteries and chargers away from children, to prevent them from injuring themselves with them.
- In order to prevent damage to your mobile phone, only accessories, designated by your manufacturer such as batteries and charge, may be used with your mobile phone. The use of other batteries or chargers could result in battery leakage, overheating, cracking, fire or other malfunctions.
- Please do not use your mobile phone near low signal or precision electronic equipment. Radio wave interference may cause the malfunctioning of such electronic equipment and other problems. Special attention must be paid near the following equipment: hearing aids, pacemakers and other electronic medical equipment, smoke detectors, automatic doors and other automatic control installations. To find out the effect of mobile phones on a pacemaker or other piece of electronic medical equipment please contact the manufacturers or local sales agents of the equipment.
- This mobile phone is equipped with an auto power on function. Please refer to the mobile phone's clock setting to assure that the mobile phone will not automatically turn on during a plane flight.
- To avoid the mobile phone malfunctioning, or catching fire, please do not violently impact, jolt or throw your mobile phone.

- Please do not place the batteries, mobile phone or charger in a microwave oven or high-pressure equipment. Otherwise it could lead to unexpected accidents such as damage to the circuitry or fire.
- Please do not use your mobile phone near flammable or volatile gases, otherwise it could cause malfunctioning or fire.
- Please do not put your mobile phone at high temperatures, high humidity or dusty places, otherwise this may lead to the malfunction of your mobile phone.
- To avoid your mobile phone falling and malfunctioning or being damaged, please do not place your phone on uneven or unstable surfaces.
- Please use only the antenna that originally comes with the mobile phone or one that is approved by your manufacturer. An unapproved antenna, or the refitting or an addition to the attached antenna could damage the mobile phone. Please do not touch the antenna when making a call. Touching the antenna will affect the call quality and cause the phone to operate at a higher power level than needed by normal use. Moreover, using an unapproved antenna may be in violation of the regulations of the country you are in.
- Do not disassemble or modify the mobile phone, as it will lead to damage to the phone such as battery leakage or circuitry failure.
- Please do not subject the LCD to impact or use the screen to strike things, as this will damage the LCD board and cause leakage of the liquid crystal. There is a risk of blindness if the liquid crystal substance gets into the eyes. If this occurs rinse eyes immediately with clear water (under no circumstances rub your eyes) and go immediately to a hospital for treatment.
- Under very rare circumstances using the mobile phone in certain model cars may negatively effect the internal electronic equipment. In order to assure your safety under such circumstances please do not use the mobile phone. If your car is equipped with an airbag, please do not place your phone on top of, or within the contact area of the airbag in order to avoid seriously harming the driver or passenger when the airbag inflates.
- Please do not use needles, pen tips, or other sharp objects on the keypad as this may damage the mobile phone or cause it to malfunction.
- If the antenna is damaged, please do not use the mobile phone to avoid injury.
- Avoid letting the phone come into close contact with magnetic objects such as magnetic cards as the radiation waves of the mobile phone may erase the information stored on floppy disks, pay cards and credit cards.
- Please keep small metal objects, such as thumbtacks, far away from the receiver. When the receiver is in use it becomes magnetic and may attract these small metal objects and thus these may cause injury or damage on the mobile phone.
- Avoid having the mobile phone come into contact with water or other liquids. If liquids enter the phone, this could cause a short circuit, battery leak or other malfunction.
- The mobile phone, battery and charger are not water resistant. Please do not use them in the bathroom or other excessively moist areas and likewise avoid allowing them to get wet in the rain.
- Use a soft, dry cloth to clean the mobile phone, battery and charger.
- Please do not use alcohol, thinner, benzene or other solvents to wipe the mobile phone.

A dirty outlet will cause poor electrical contact, lose of power and even inability to recharge. Please clean regularly.

19.3 Trouble shooting

If anything unusual occurs while using your mobile phone, please refer to the following table. If can not solve it yet, please contact with your trader or service supplier.

20、FAQ & Solution

Frequently Occurring Problems	Cause	How to Fix
Weak Signal	Have no mobile signal in a remote place and the signal can't reach	Avoid to use mobile in a remote place
	Have no mobile signal in a dialing jam time e.g. when duty on or duty off	Avoid to use mobile in a remote place
	Too far from the frequency transmitting tower	Ask the network operator to announce the network overlay
Echo or cacophony	A regional problem caused by a bad network relay wire	Hand up and redial, maybe can change network relay wire
	Some areas relay wire is not so good.	
Standby time becomes short	Standby time is related to the network system setting	Turn off the mobile when in weak signal area
	Need to change the battery	Use a new battery
	Searching the network transmitting tower will use up a large of power and shorten the standby time	Move a place with strong signal or power off the phone.
Fail to turn on the mobile	The power of battery is used up	Check the battery power capacity or recharge it
SIM card error	SIM card is damaged	Contact with your supplier
	SIM is installed incorrectly.	Check whether SIM card is installed correctly
	There is feculency on the metal surface of SIM card	Wipe the metal touch part of SIM card with clean cloth
Fail to connect the network	Invalid SIM card	Contact with your supplier
	Outside the coverage of GSM service	Consult with the network operator
	Weak signal	Move to a place of strong signal and try again
Fail to call	Have set call bar function	Disactive call bar function
	Have set a fixed dial	Disactive the function
PIN wrong	input wrong PIN code continuously for three times	Contact with your network operator
Fail to charge the battery	Battery or charger is damaged	Change a new battery or a new charger

	Recharge the battery in a environment below 10°C or above 55°C	Improve the charging environment
	Bad tangency	Check the charger plugging
Fail to add in phone book	The phone book memory is full	Delete some record
Fail to set some function	The network operator have no the service or you didn't reply for the service	Contact with your network operator

Phone Accessories:

1. X660 mobile phone x 1 pc,
2. Li-Ion Battery x 1 pc
3. Adapter x 1pc
4. Adaptor holder x 1 pc
5. Ear phone x 1 pc