GP851　Mobile GSM/GPRS Digital Phone
User Manual

Contents

1The Basic

1.1 Introduction

Thank you for choosing the GP851 GSM/GPRS digital mobile phone. After reading this guide you will be able to fully master the use of your GP851 mobile phone and appreciate all its functions and ease of use.

The GP851 mobile phone is designed for use on the GSM/GPRS networks. Not only the GP851 provides you with basic calling functions, but also with many practical functions such as a name card style phonebook, personalized 64 chord ring tones and pictures, clock, alarm, camera, video player, video recorder, audio player, T-Flash card support, sound recorder, calculator, calendar, GPRS surfing, MMS, TV and H-Free etc, to improve the time you spend on working and playing. Moreover, the GP851 uses a personalized man-machine interface and the perfect functional design to satisfy all your needs. The GP851 mobile phone is compatible with GSM/GPRS technology and has been approved by certification authorities both domestically and abroad.

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1.2 Safety Notice

■ If your mobile phone is lost or stolen, please contact the telecommunications authorities or a sales agent immediately to have a hold put on the SIM card. This will prevent economic loss caused by unauthorized calls made from your mobile phone.

- When you contact the telecommunications authorities or a sales agent, they will need to know the IMEI number of your mobile phone (remove battery to expose number located on the label on back of phone). Please copy this number and keep in a safe place for future use.
- In order to avoid the misuse of your mobile phone please take the following preventative measures:
  - Set the PIN number of your mobile phone's SIM card and change this number immediately if it becomes known to a third party.
  - Please keep the phone out of sight when leaving it in a vehicle. It is best to keep the phone on your person, or locked in the trunk.
  - Set call restrictions.

1.3 For Your Safety

Please read these safety guidelines before using your mobile phone to assure the safe and proper use of the phone.

1.3.1General matters

- Please turn off your mobile phone on an airplane, hospital or any locations where may restrict mobile phone using, otherwise the normal operation of electrical equipment and medical instruments will be affected. Please obey local regulations when using your mobile phone.
- While driving please obey local laws and regulations about mobile phone using. When you pick up the phone while driving, please obey the following rules: Concentrate on driving and be aware of traffic conditions; if your mobile phone has a hands-free function, please set your phone to this mode. Under poor driving conditions, please stop the car before you -using your phone.
- Please obey laws, regulations and signs when near an area storing fuel, chemicals, or volatile materials.
- Please keep mobile phones, batteries and chargers out of reach of children。
- To prevent the damage to your mobile phone, do not use other type of batteries or chargers. Otherwise it could cause battery leakage, overheating, cracking, fire or other dangers.
- 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 has 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 may cause malfunctioning or fire.
- Please do not subject your mobile phone to high temperatures, high humidity or dusty places; otherwise it may lead 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.

1.3.2 Phone Safety

- 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 it, 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.
- 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 the mobile phone.
- Do not expose the mobile phone to humidity, water or other liquid. If liquids enter the phone, this could cause a short circuit, battery leak or other malfunction.
- Please use the mobile phone in a place away from landline telephones, televisions, radios, and automated office equipment in order to avoid affecting both the equipment and the mobile phone

1.3.3 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 color, or becomes distorted during use, charging, or storage, please stop using and replace it with a new battery.
- If the liquid from the battery touches skin or clothing, this may 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 overheat, smoke and corrode.
- Please do not use or expose batteries in high temperature such as 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.
- The life of all mobile phone batteries is limited. The usable time of batteries decreases with frequent charging. When charging becomes ineffective this means that the battery is out of service and the battery should be replaced with a new one of the designated type.

1.3.4 Charger Safety
- Please do not disassemble or modify the charger, as it will lead bodily harm, electrical shock, fire or damage to the charger.
- Please use AC 110 to 220 volts. The use of any other voltage will cause battery leakage, fire and even damage to the mobile phone and charger.
- It is forbidden to short circuit the charger, as this will cause electrical shock, smoking and damage to the charger.
- Please do not use the charger if the power cord is damaged, as this will cause fire or electrical shock.
- Please immediately clean any dust gathered on the electrical outlet.

- Please do not place vessels with water near the charger in order to avoid water splashing onto the charger and causing an electrical shortage, leakage or other malfunction.
- If the charger comes in contact with water or other liquid the power must immediately be switched off to avoid an electrical short or shock, fire or malfunction of the charger.
- Please do not use the charger in bathroom or other excessive moist areas, as this will cause electrical shock, fire or damage to the charger.
- Please do not touch the charger with wet hands, as this will cause electrical shock.
- Do not modify or place heavy objects on the power cord, as this will cause electrical shock or fire.
- Before cleaning or maintenance please unplug the charger from the electrical outlet.
- When unplugging charger, do not pull on the cord directly, hold on to the body of the charger to pull the charger out of outlet, as pulling on the cord will damage the cord and lead electrical shock or fire.
- Please do not charge in the following places: moist or humid places, dusty places or places with excessive vibration (this will cause malfunctioning); or near televisions, radios, electronic products (this will effect the picture and sound)

1.3.5 Cleaning and Maintenance

- The mobile phone, battery and charger are not water resistant. Please do not use them in 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

2 Before Use

2.1 The Names and Explanation of Each Part

2.1.1 Appearance

2.1.2 Keypad Instructions

1. **Navigation key: Left/right keys**：to move the cursor when editing text, to select the highlight function on standby screen, in the camera preview mode.
2. **Navigation key: Up/down keys**：scroll to view names, phone numbers, SMS etc, moves the cursor up and down when editing text.
3. **Left soft key**：to perform the function of the prompt displayed in lower left

corner of the screen.

4. **Right soft key**：to perform the function of the prompt displayed in lower right corner of the screen.
5. **Dial key**: to dial and pick up calls; on standby, to see the all calls record list.
6. **Hang-up key**: to end a call or reject incoming calls, to return to the idle screen, long press to power on/off the handset.
7. **Number keys**: to enter numbers and letters with the number keys from 0-9; to rapidly select menu items; can dial the number of setting speed dial numbers by long pressing number key, etc.
8. *** key**：this key has different functions in different modes and menus.
9. **# key**：Long press the # key will activate the silent mode.
10. **TV key:** press the TV key to enter "TV" menu.
11. **Fm key:** press the FM key to enter "FM radio" menu.
12. **Volumes key :** press this key to adjust the volume when playing music, video, FM and TV.
13. **Chanles key** : press this key to switch the chanles in TV.
14. **Free key**: press this key in the Hands-free status.

Attention: In this handbook, the phrase "press the key" refers to pressing and thereafter releasing a key; "Long press a key" refers to pressing a key and keeping it pressed for 2 seconds or longer.

2.1.3 Icon

Icon	explain	Display place
	Signal intensity of network	At the top of screen
	GPRS connect	At the top of screen
	Keyboard is locked	At the top of screen
	Vibration and sound	At the top of screen
	Ring	At the top of screen
	Vibration and silent	At the top of screen
	Mobile-phone is ramble estate	At the top of screen
	Receive Text message	At the top of screen
	Receive Wap push	At the top of screen
	Startup alarm	At the top of screen
	Divert all voice calls	At the top of screen

	🔋	Display batteries energy	At the top of screen
	📱?	Missed calls	At the top of screen

2.2 Insertion of the SIM Card and Memory Card

2.2.1 Insertion of SIM Card

Metal interface of SIM card is very easy scrape. Before inserting into the phone you must carefully remove it.

■ Turn off the phone; remove the battery and unplug other external power sources.
■ Insert the SIM card into the SIM slot.
■ When you need to remove the SIM card, please first turn off the phone, remove the battery, then remove the SIM card.

2.2.2 Insertion of Memory Card

■ Turn off the phone; remove the battery and unplug other external power sources.
■ Put the Memory Card into the Memory Card trough.
■ When you need to remove the Memory Card, please first turn off the phone, remove the battery, then remove the Memory Card.

2.3 Battery

The battery is initially charged with 50％ of its total capacity, you can unpack and use it.　Please recharge the battery to full after it's exhausted for the first 3 times, so as to make the best of your battery.

2.3.1 Removal and Installation of the Battery

■ When removing the battery follow the following steps:
　　　①Push the battery cover towards bottom;
　　　②Raise the battery bottom, break out the battery from the mobile-phone.

Warning: You must turn off your mobile phone before removing the battery. Under no circumstances should you remove the battery when the mobile phone is on as this may damage the SIM card and your mobile phone.

■ When installing the battery follow the following steps:
　① According to arrowhead direction, push the battery to inset mobile-phone.
　② Cover with the battery cover.
　③ Push the battery cover towards top.

2.3.2 Battery charging

■ The charger connector with the bottom of the phone (with the arrow pointing upward).
■ The charger connector with the electrical source.
■ The battery capacity indicator in Icon Area will then flash periodically; when charging at power-off status, charging indicator on the screen means the phone is charging now. If you are using a phone in low battery, it may need certain time for charging indicator to appear on the screen after starting to charge.
■ When the Capacity Indicator in Icon Area is full and doesn't flash any more, the charging process is complete. If your phone is charged in power off status, charging complete screen will also display.　Charging process usually takes

1-2.5 hours. Battery, phone and charger normally turns hot during charging process.

■ When charging process complete, disconnect connections between AC power outlet, your phone and the charger.

Attention:

■ Be sure to charge in ventilated place with the temperature ranging from -10℃ to ＋45℃, and always use the charger provided by original manufacturer. Using unauthorized charger may cause danger, and also violates warranty coverage of the manufacturer.

■ Charge your battery in time when the phone automatically powers off or displays low battery warning. The phone will automatically decrease charging time when the battery is not exhausted before charging.

2.4 Safely password

PIN code

The PIN code (individual identification number) prevents your SIM card by the illegal use. The PIN code provides together generally with the SIM card. If continual three times loses the wrong PIN code, should input the PUK code unlocking. The details ask you to relate with the network operation company. (PIN code default is 1234)

PIN2 code

Enter certain functions (for example telephone conversation cost) when needs to input the PIN2 code, if continual three times inputs the wrong PIN2 code, should input the PUK2 code unlocking. The details ask you to relate with the network operation company.

PUK code

If your phone is locked when PIN code input several times, you needs to input the PUK code to unlock it. The PUK code provides together along with the SIM card. If has not provided, please relate with yours service supplier. If continual ten times inputs the wrong PUK code, then this SIM card cannot use again. Please relate with yours service supplier purchases the new card. You cannot modify the PUK code. If loses this code, please relate with yours service supplier

PUK2 code

If your phone is locked after you input wrong PIN2 code several times, you need to input the correct PUK2 code to unlock it. If you input wrong PUK2 code ten times continuously, the SIM card of your phone will be locked. Please contact with your service supplier. You cannot modify the PUK2 code. If you lose this code, please contact with your service supplier.

3 Fleetly User manual

3.1 Function hotkey

Function	Hotkey	State description
Power on/off	Long press the **Hang-up key**	All screen
Control receiver volume	Press **Volumes key**	Calling screen
Enter FM radio	Press the **FM key**	Idle screen
Enter the phonebook list	Press the **right soft key**	Idle screen

Enter the main menu	Press the **left soft key**	Idle screen
Enter the TV	Press the **TV key**	Idle screen
Silent/Normal mode	Long press the **# key**	Idle screen
Volume Up	Press **Volume + key**	Music/video/FM/TV
Volume Down	Press **Volume - key**	Music/video/FM/TV
Unlock/Lock the keypad	Press **left soft key** then*** key**	Idle screen

3.2 Dialing

You may dial and receive calls on your phone when the symbol of your network provider appears on the screen. The information bar on the upper left corner of the screen indicates network strength (the signal is strongest when there are four lines visible).

3.3 Rejecting calls

You can press the **hang up key** or **right soft key** to reject any incoming call.

3.4 Receiving calls

You can choose different modes to receive calls. If the earphones are already plugged in, you can use the button located on the earphones to pick up the phone. If it is inconvenient to press the button, then you can set the"**Auto**" as "**On**", with the earphones plugged in, and the phone will automatically pick up after ringing or vibrating for 5 seconds. If you have set the "**Any Key**", you can pick up the call by pressing any key other than the **hang up key, right soft key**.

3.5 Ending a call

During a call you can press the **hang up key** to end a call. You can also cancel a call you have just dialled by pressing the **hang up key** or **right soft key**.

3.6 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 provider does not provide roaming where you are, "**Emergency**" 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.

3.7 Extension dialing

Some fixed phone extensions cannot be called directly. You need to input a "**P**" before the extension number. The "**P**" can be input at the dial screen by long pressing the *** key** and switch to it.

3.8 Call history

Get in this menu to view the missed/received/dialed calls.

3.9 Call divert

After activating this function, the network will notify you that you have a new incoming call when you are talking on the phone. For details of how to use this function you can contact your network operator.

3.10 Call waiting

The call diversion network service permits you to divert, under certain preset situations, certain incoming calls to a telephone number designated by you. This service requires network support. Please contact your network provider to activate this

service. You can set and cancel the incoming call diversion function of your mobile phone.

3.11 Call barring

The **Call Barring** allows the user to prevent incoming or outgoing calls based on user-defined conditions. The network provider provides you with a 4 digit **Barring PW** to allow you to activate the "**Call Barring**" service. When you use this function, please contact your network provider

3.12 Turning the Phone On and Off

To turn on or off the phone please long press the Hang-up key.

4   Function Menu

4.1 How to Use the Function Menu

4.1.1 Scroll to select Function

■ On standby, press the **left soft key** "**Menu**" to enter the main function menu. During a call press the **left soft key "Options"** to enter the call option menu, then use the **up/down keys** to scroll to the desired item on the menu and press the **left soft key** to select the function.

■ In all the menu and submenu, use the **Navigation key** to scroll to the desired function and press the **left soft key** to enter the function item.

4.1.2 Speedily to select function

Most main menus and submenus have speed numbers. This speed number is the function's corresponding index number.

■ On standby, press the **left soft key** "**Menu**" to enter the main menu, use the **Navigation keys** to scroll to the desired item on the menu.

■ Enter the main menu's speed number to enter the corresponding option. Enter the submenu's speed number to select the corresponding option.

4.1.3 Exit Menu

Usually, you can exit the current menu by pressing the **right soft key**. You can also press the **hang-up key** to return to the idle screen.

4.2 File manager

Press the **left soft key** "Ok" to enter this submenu, menu display "**Phone**" and "**Memory Card**" (if the Memory card have been inserted into the mobile-phone).

■ **Open**   to display all the files and folders in the root.

■ **New Folder**   to create a new folder.

■ **Format**   to format the **Phone** or **Memory Card**, it will delete all of the data and file.

■ **Rename**   to rename your **Phone** or **Memory Card**.

■ **Details**   to show the Name/Total size/Free size of your **Phone** or **Memory Card**.

Open the root, it will display the file or folder list, select a folder and press the left soft key "**Options**":

■ **Open**   to display the content in the current folder.

■ **New Folder**   to create a new folder.

■ **Rename**   to change the current file or folder name.

- ■ **Delete**   to delete the current file or folder.
- ■ **Sort by**   to select sort the folders **By Name**, **By Type**, **By Time** and **By Size**, or not array to select **None.**

   Select one file and press the left soft key "**Options**". It may show different items according to the different file format:

- ■ **View**   to view the image file.
- ■ **Play**   to play multimedia file.
- ■ **Use**   to use the different file in different usage. The music file can be used in **User Profile** as ringtone. The image file can be used in **Wallpaper** and **Screen Saver**.
- ■ **Detail**   to display detail information about **Date** and **Size**.
- ■ **Rename**   to change the file name.
- ■ **Copy**   to copy the current file to other place. Press **OK** to start, press **Select** to copy the file in current position, press **Open** to enter the folder, press **New Folder** to set up a new folder.
- ■ **Move**   to move the current file to other place, same as **Copy**.
- ■ **Delete**   to delete the current file (**Note**: if the file attribute is **Read Only**, it can not be deleted.).
- ■ **Delete all files**   to delete all files in the current folder.
- ■ **Mark several**   to multi-select several files to copy/delete/move.
- ■ **Sort**   to sort the files By Name, By Type, By Time and By Size, or None

4.3 Phonebook

4.3.1 Quick Search: to enter the browse screen of the phonebook. You can enter corresponding information in the input box to searching the entries out. The options of this result by the **left soft key are** following:

➢Call: to make a call directly.

➢IP Dial: activate the IP dial-up of numbers in the phonebook.

➢Send text messages : to send text messages to the current phone entry

➢View: view the details of entry.

➢Edit: edit the entry.

➢Delete: delete the entry.

➢Copy: copy the entry.

➢Move: move the entry.

➢Send vCard: you can transfer the phonebook entry to vCard format and send by text message or multimedia message, and you can also save the vCard as file.

4.3.2   Search contact: search the entry by the input name.

4.3.3   Add new contact: add a new entry to the phonebook. You can store the entry to the SIM or the phone.

*Note: There are different fields according to the storage.

4.3.4   Copy all: to copy all entries form SIM to phone or from phone to SIM.

* Note: When you copy the entries from phone to SIM card, only the names，number and caller group will be copied.

4.3.5   Delete: Delete: to delete all the entries from your selection such as phone or

SIM. One by one: to delete the entries one by one.

4.3.6　　Caller Groups: the phone is programmed with 5 caller groups. You can make some individual settings for each group, such as rename, ring type, incoming call picture and each group member's personal setting.

4.3.7　　Extra numbers*: to set "**Owner number**", "**Service dialing number**" and "**SOS number**".

*Note: Some simcard may not support to set all these 3 numbers.

4.3.8　　Settings: set the phonebook in five categories: Memory status, Preferred storage, Fields, My Card and vCard version.

➢Memory status: view the memory of the SIM and the phone.

➢Preferred storage: choose the preferred storage location, the phone or the SIM card.

➢Fields: set the fields for content of the entries in the phonebook.

➢My Card: edit or send my vcard.

➢vCard version: set the vcard version.

4.3.9　　Caller Ring tone: choose a ring tone for an incoming call.

4.4 Fun & Games

In this menu there are three games (Mahjong、Puzzle and VSMJ) for your leisure time entertainment.

4.5 Extra

4.5.1 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.
- ✧ Press the **up/down keys** and **left/right keys** to enter the symbols for the four mathematical operators +, –, x or ÷.
- ✧ By pressing the **right soft key** "**Clear**" you can delete the latest **entry or result,** press the **right soft key**, "**Back**", to exit the calculator, press **the left soft key** "**OK**" or touch "**=**" to calculate the result.

Note: The precision of this calculator is limited so that rounding errors may occur, especially in the case of indivisibility.

4.5.2 Currency converter

Allow you to perform simple conversions from one type of currency to another. Input a currency rate and then the local currency value to perform the function.

4.5.3 Stopwatch

　　　Typical stopwatch

Features [Split timing] for measuring each player's record from the start, and [Lap timing] to measure each lap record. The saved timing records can be displayed by selecting [View record] from the menu.

　　　nWay stopwatch

Uses four navigation keys or tap icons to measure, short press left soft key to stop timing, long press center key to delete the data.

4.5.4 Ebook reader

This function may help you to read the TXT file. You need to put the files to the [Ebook] folder, and enter the **Ebook reader** to read.

Press the **left soft key "option"** carrying on the following option operation:

➢ **Open E-book** Reading chooses the document content.
➢ **Cleanup Bookshelf** Reorganizes in folder's document.
➢ **Global Settings** Set the font style, font size, storage location information and so on.
➢ **Book Info** displays the size and the document format information content.
➢ **Delete** to delete the current file.
➢ **Delete All Files** to delete all file in the E-Book Reader.
➢ **Sort** to sort files, **By Name**, **By Type**, **By Time** and **By Size**, or not array to select **None.**
➢ **Apply Global Settings** Application system preinstall establishment content.
➢ **Help** 0-9 numeric keyboard's in electricity classical philosophical works browsing process quick operating instructions.

4.6 Call center

4.6.1 Call history

4.6.1.1 Missed calls

Enter the menu of "**Missed Calls**", it will show the phone number or name (if this number has been stored in phone book with name) of missed calls. Select a record, press the **left soft key** "**Ok**" to view details, it will show date, time, name of the call, phone number and the times of incoming call.

Press the **left soft key** "**Options**", include options as follows:

Delete: to delete the current record.
Save to Phone book: to save the current number to phone book.
Call: to call the current number.
Edit: to edit and save number to phone book.
Send text message: to send a text message to this number.
Send multimedia message: to send a multimedia message to this number.

4.6.1.2 Dialed calls

Enter the menu of "**Dialed Calls**", it will show the dialed calls list. Select a record, press the **left soft key "Ok"** to view the call information.

Press the **left soft key** "**Options**", and the menu is the same as "**Missed Calls**".

4.6.1.3 Received calls

Enter the menu of "**Received Calls**", it will show received calls list. Select a record, press the **left soft key "Ok"** to view the call information.

Press the **left soft key** "**Options**", and the menu is the same as "**Missed Calls**".

4.6.1.4 Delete call logs

Press the **left soft key** "**Ok**" to enter the "**Delete Call Logs**" menu. When the record is not empty, you can delete it, or select the "**Delete All**" option to delete all call record.

4.6.1.5 Call timers

Press the **left soft key** "**Ok**" to enter the "**Call Time**" menu, it will show the call time record up to now.

- ■ **Last Call Time**   to view the time of the last call.
- ■ **Dialed calls**   to view the total time of the sent calls.
- ■ **Received calls**   **t**o view the total time of the received calls.
- ■ **Reset All**   All call time will be cleared to zero.

4.6.1..6 Call cost

Press the **left soft key** "**Ok**" to enter the "**Call Cost**" menu, it will show the call cost record up to now.

- ■ **Last Call Cost**   to view the cost of the last call.
- ■ **Total Cost**   to view the accumulated cost of all calls.
- ■ **Reset Cost**   to clear the call cost log record after entering the PIN2.
- ■ **Max Cost**   to view and set the limit on call cost, no limit display "0".
- ■ **Price Per Unit**   to view and set the call cost unit.

Note: to be used, your network operator must support the "**Call Cost**" function. You need to enter your PIN2 number to set the "**Max Cost**", "**Reset Cost**" and "**Price Per Unit**". Please contact your network provider to obtain this number

4.6.1.7 Text message counter

To view the current **text message** counter, include the two options: "**Sent**" and "**Received**". Press the left soft key "**Reset**" to clear

4.6.1.8 GPRS counter

Enter the "**GPRS Counter**" menu to view the quantity of data flow transmitted on the network via GPRS. It includes viewing the **Last Sent**, **Last Received, All Sent** or **All Received** data flow quantity. You can also reset it to zero by the **Reset Counter.**

4.6.2 General call setting

4.6.2.1 Caller ID

Set up the local number "Set by network", "Hide ID "or "Send ID."

4.6.2.2 Caller waiting

After activating this function, the network will notify you that you have a new incoming call when you are talking on the phone. For details of how to use this function you can contact your network provider.

                Activate   to activate this function.
               Deactivate   to cancel this function.
              Query Status to view the status of this function

4.6.2.3 Caller divert

The call diversion network service permits you to divert, under certain preset situations, certain incoming calls to a telephone number designated by you. This service requires network support. Please contact your network provider to activate this service. You can set and cancel the incoming call diversion function of your mobile phone.

- ✧ **Divert All Voice Calls**: to divert calls under all circumstances. The number of rings at that shall trigger depends on network.
- ✧ **Divert If Unreachable:** to divert all incoming calls when the phone

is not reachable due to some network error or other reasons.

✧ **Divert If No Answer:** to divert the incoming call if it is not answered.

✧ **Divert if busy:** to divert all incoming calls when there is at least one call in progress on the handset.

✧ **Divert All Data Calls:** to divert all data calls.

✧ **Cancel All Divert:** this shall deactivate this facility.

When you have selected one of the above modes, you may carry out the following operations:

Activate　　to activate this function.

Deactivate　to cancel this function.

Query Status to view the status of this function.

4.6.2.4 Call barring

The **Call Barring** allows the user to prevent incoming or outgoing calls based on user-defined conditions. The network provider provides you with a 4 digit **Barring Password** to allow you to activate the "**Call Barring**" service. When you use this function, please contact your network provider.

✧ **Outgoing Calls** to allow the user to prevent calls being made to other numbers. It includes: All Calls, bars user from making any outgoing call; International Calls, prevents the user from making international calls only; International Calls except to Home PLMN, prevents the user from making any international call other than to home. You can Activate, Deactivate, or Query Status above options. When All Calls is activate, SOS number can call only.

✧ **Incoming Calls:** to allow the user to prevent calls being received from other numbers. It includes: All Calls, The user may not receive any incoming call; When Roaming, prevents user from receiving any incoming call when the user is out of home. You can Activate, Deactivate, or Query Status above options.

✧ **Cancel All** to input the Bar. Password, can cancel all limits.

✧ **Change Barring PW** to input the old password set the new password.

4.6.2.5 Line switching* To shift the line1 or line2 about network, please contact your network provider for detail.

4.6.2.6 Closed user group* Enter and select "add" to input the group name and finish the editing. After that, enter content number and confirm. Select the existing group to edit, add, active, inactive and delete. To shut down the group setting is determined by network supplier. Only the group members could call each other to limit the calling cost.

***Note: the function needs the support of network operator.**

4.6.2.7 More

4.6.2.7.1 Black list

The black list will prevent you from the annoying incoming call.

4.6.2.7.2 Auto redials

Turn on or off this option, can activate or deactivate this function.

4.6.2.7.3 Speed dial

This function can turn on/off Speed Dial feature and set speed dial numbers. By turn **On** or **Off** to active or forbid speed dial. Select "**Set Number**" item, press the **left soft key** "**Ok**", you can enter and select the number of speed dial to **2-9 number keys**. On standby, you can dial the number of setting by long pressing number key.

4.6.2.7.4 IP dial*

The mobile-phone supports the IP number to dial a call; you can set three different IP numbers. You edit the IP number and activate it, then, the IP number will automatically add before the phone number when you make an outgoing call.

***Note: the function needs the support of network operator.**

4.6.2.7.5 Background sound

This function will add the background sound with you voice when you are making a call. If you turn on this function, you will need to choose which kind of background sound you want to use when you make a call or receive a call. Then both side of the call will hear such background sound.

✦ **Select when make call**: to turn on/off this function.
✦ **Playback settings**: to set the volume and play mode.
✦ **Effect list**: to choose the prior effect you want to use.

4.6.2.7.6 Call time display

If you set it on, the call screen will show the call time for you.

4.6.2.7.7 Call time reminder

If you set it on, the handset will reminder you the call time by special tone.

4.6.2.7.8 Auto quick end

If you set it on, the handset will auto end the call.

4.7 Messages

In the main menu interface you can scroll to select "**Messages**" then press the **ok key** or the **left soft key** to enter the "**Messages**" menu.

4.7.1 Text message

If your network supports text message and you have applied for this service from your network provider, you can send a short message through the short message service centre. The mobile-phone supports the short information (EMS) of the enhanced mode, can insert picture, animation, melody, sound, etc. In short information can use the template to produce short information.

Enter SMS submenu, you can select menu as follows: **Write Message**, **Inbox**, **Outbox**, **Templates**, **Text message Settings**.

4.7.1.1 Write Message

Before writing a short message, please confirm that you have set the short message service centre number.

You can edit your short message by entering the "**Write Message**" submenu.

Press the **left soft key** to enter the "**Options**" menu:

■ **Done**   After finishing your message you can select this option and use the **up/down keys** to select "**Send Only**", "**Save and Send**", "**Save**", "**Send To Many**" or "**Send By Group**".

■ **Use Template**   to insert character information of prearranging at the

currently cursor place.

■ **Insert Object**   to support the short information (EMS) of the enhanced mode, select insert object to appear the EMS. Detailed functions of different options are as follows:

Picture: Select pre-saved pictures in your mobile phone and insert them in current cursor place.

My Picture: Save pictures you want from received EMS information; select those pictures and insert them in current cursor place.

Predefined Animation: Insert predefined animation picture to currently cursor place.

My Animation: Save animation icons you want from received EMS information; select those animation icons and insert them in current cursor place.

Melody: Select pre-saved music in your mobile phone and insert them in current cursor place.

My Melody: Save music you want from received EMS information; select those music and insert them in current cursor place.

Predefined Sound: Select predefined sound of system in your mobile-phone and insert it in current cursor place.

■ **Format Text** to under this menu, you can set format of text:

Text Size：Set the SMS text font size: **Small**, **Medium**, **and Large**.

Text Style: Set the SMS text font style, **Bold**, **Italics**, **Underline**, **and Strikethrough.**

Alignment: Set the alignment mode of SMS view screen: **Automatic**, **Left**, **Center**, **Right**.

New Paragraph: Set a new paragraph with **Automatic** Alignment mode, **Left** Alignment mode, **Center** Alignment mode, **Right** Alignment mode.

■ **Insert Number:** to insert a number from phone book list to SMS
■ **Insert Name:** to insert a name from phone book list to SMS
■ **Insert Bookmark:** to insert bookmark to SMS.
■ **Input Method:** to offer 8 kinds of input methods.

   After selecting "**Done**" from the option list by pressing the left soft key "**Options**", you can select "**Save**" to save the current message into "**Outbox**", if you select "**Send Only**" to one person, it will prompt you to input the addressee's telephone number. At this time you can input the number with the **number keys**, or press the **left soft key** "**Search**" to bring up the phonebook where you can select the addressee's number. If you select "**Save and Send**", you can send the message to one person and save it into "Outbox". Also you can select "**Send to many**" to an option which can set the recipients list or send the message. If you select "**Send by group**", the message will be send to a group member from phone book.

Attention: short message centres of some cities and districts do not support short message that over 160 characters, only the compatible mobile phone can insert and send the picture, animation and melody.

4.7.1.2 Inbox

Enter the "**Inbox**" submenu to view received messages. When you receive a short message, your mobile phone will vibrate (if **Alert Type** set to the **Vibration**) and ring (if **Alert Type** set to the **Ring**), display the prompt information. If you do not wish to read it immediately, after you exit this interface, the envelope icon appears at the top of the screen on standby and the short message will automatically be saved on the SIM card. The amount of short messages that can be saved (this includes received messages as well as saved messages) is based on the memory size of the SIM card.

■ When viewing the short message list in "**Inbox**", the sender's phone number or name (if the name has already been saved in the phonebook) will be displayed, and show that receives the date of short messages by floating item.

■ When looking at the short message list, you can use the **up/down keys** to select the short message. When the "**Inbox**" short message list appears, you can press the **left soft key** "**Ok**" to read the detailed contents of a message, the date and time of receipt and the name (if the name has already been saved in the phonebook) or telephone number of the sender. At this time you can also press the **left soft key** "**Options**" to perform the following operations:

      Reply   to send a short message to the sender of the current message.

      Delete   to delete the current short message.

      Forward   to edit the current message and then select to **Send Only** it to one person, **Send To Many**, or **Send By Group**.

      Copy to Phone to copy the current message saved in the SIM to phone.

      Move to Phone to move the current message saved in the SIM to phone.

      Delete All to delete all the messages in "**Inbox**".

      Copy All   to copy all of the messages in the "**Inbox**" to another carrier.

      Move All   to move all of the messages in the "**Inbox**" to another carrier

      Use Number   to extract the telephone number of the sender in the current short message and contain the number (3—40 bit) in the current short message, then display them by list form. If you select one of the numbers, you can save the number to your phonebook, or dial.

      Use URL   to extract the URL address (first of address must http://、www or wap) in the current short message; then display them by list form. If you select one of the addresses, you can connect directly or add it to bookmark.

      Use USSD   to extract the USSD

      Chat   you can chat with others in the separate chat room by SMS

4.7.1.3 Outbox

Enter the "**Outbox**" submenu to view the short messages (saved in the SIM card and owner phone) in the mobile phone.

After the "**Outbox**" short message list appears, you can use the **up/down keys** to

select the short message; press the **left soft key** "**Ok**" to read the detailed contents of the selected short messages. At this time you may also press the **left soft key** "**Options**" to perform the following functions:

- ■ **Send** to send the current message.
- ■ **Edit** to edit the current message.
- ■ **Delete** to delete the current short message.
- ■ **Copy to Phone** to copy the current message saved in the SIM to phone.
- ■ **Move to Phone** to move the current message saved in the SIM to phone.
- ■ **Delete All** to delete all the messages in "**Outbox**"
- ■ **Copy All** to copy all of the messages in the "**Outbox**" to another carrier.
- ■ **Move All** to move all of the messages in the "**Outbox**" to another carrier
- ■ **Use Number** to extract the telephone number of the receiver in the current short message and contain the number (3—40 bit) in the current short message, then display them by list form. If you select one of the numbers, you can save the number to your phonebook, or dial.
- ■ **Use URL** to extract the URL address (first of address must http://、www or wap) in the current short message; then display them by list form. If you select one of the addresses, you can connect directly.

4.7.1.4 Templates

Press the **left soft key** to enter information template list, you can **Edit** or **Erase** the template message or **Write Message** including this template.

4.7.1.5 Text Message Settings

Before using the short message function you maybe need do some settings.

Enter the "Text message settings" menu, you can select following options to set:

- ■ **Profile Setting:** These profiles are auto set by the SIM card; you can view the information or active one of them.
- ■ **Common Setting** to turn **On**/**Off** the **Delivery Report**. If you set it as "**On**", then when the recipient receives your short message, or if the short message is not received for some reason, the short message centre will send a status report so that you can see whether the message has been delivered.

 Note: **The network operator must support this function.**
- ■ **Memory Status** to display the memory status of the SIM card and phone,
- ■ **Preferred Storage** to set the prefer path of saving a message: "**SIM**" or "**Phone**".
- ■ **Pref.connection** to set the style of data transferring including **Prefer GPRS**, **Prefer GSM** or **GSM Only**.

4.7.2 Chat

Press the **left soft key** "**OK**" to enter **Chat** menu, you can set two chat rooms at most. To enter Chat Room Info menu, can set **My Nickname** and **Destin. Number**. Then select **Start new**, you can chat with others in the separate chat room by SMS. During the chat, you can select **Resume** or **End**.

4.7.3 Voicemail server

This will automatically divert the incoming call to the voice mail center when you

cannot accept the call. You will receive a message from the voice mail system of service network. If a message is left, you can access the message by visiting the voice mail system.

■ Enter "**Voice Mail Server**" submenu, can set two voice mail servers at most.

■ Press the **left soft key "Options"** to enter mail option, can **Edit** to enter your voice mailbox number, or **Connect to Voice** to tune voice leave word.

■ The network operators must support the "**Voice Mail Server**" function for it to be available. For details and the voice mailbox number, please contact your network operator.

4.7.4 Broadcast message*

Broadcast messages refer to public messages which are sent by your network operator. If you use the broadcast message service you can receive messages on all different subjects from your network operator such as: the weather, taxis, hospitals, etc. Please contact your network operator for available subjects.

■ When you enter the menu of "**Broadcast Message**", you will see four menu options: "**Receive Mode**", "**Read Message**", "**Languages**" and "**Channel Setting**"

■ You can read current broadcast message through "**Read Message**".

■ Select the "**Channel Setting**", you can **Add** broadcast channel and set **Channel Title** and **Channel ID;** you can **Select On/Off** operation to preparing broadcast channel, filtrate needless broadcast channel; you can select "**Edit**" to reinstall current channel; you can select "**Delete**" to delete broadcast channel of preparing.

***Note: This function is available only when the network operators supporting "Broadcast Message" function.**

4.8 Multimedia

.**4.8.1 Video player**

Select the "**Video Player**" menu, you can view the list of movies saved in the "**Video Player**", pressing **the left soft key** "**Options**", can select the operation as follows:

■ **Play**   to play the current movies.

■ **Send**   to select **To MMS**.

■ **Rename**   to reedit the current movies name.

■ **Delete**   to delete the current movies.

■ **Delete All Files** to delete the all movies in the phone.

■ **Sort by**   to array all movies to select **By Name**, **By Type**, **By Time** and **By Size**, or not array movies to select **None**.

■ **Storage**   (Phone, Memory card)

When the movie is playing, you can adjust the speed by pressing the **left/right** key, and adjust the rate of progress by pressing **up/down** key. When the movie is playing, press the **3 and 6 keys** to adjust the volume, press the **left soft key** or OK key to pause or resume to play the video, press the * key to play the movie full screen.

.**4.8.2 TV**

4.8.2.1 Introduction：

You can select the "TV" menu or press the **TV key** to enter the TV，the options

of TV are following：

   Add to My Channel：to add the current channel to your favorite channel list;

   Channel List：to display valid channels through searching;

   My Channel：to display your favorite channel list;

   Channel Search: To search for TV channels;

   Search Area：to select the area where you are;

   Play Effect：to set the special effect when you playing the TV.

4.8.2.2 How to Use the TV?

   First, please set the **Search Area**; then do a **Channel Search** operator;

   When the searching is complete, TV will automatically televise and update the play list in the Channel list. When the TV is playing, you can change the Channel by "**left/right keys**" in the screen.

4.8.3   Audio player

   In the **Audio Player** screen, press the **up key** to control the player to play and pause, press the **down key** to stop, press the **left/right key** to play the previous/next music, long press the **left/right key** to backward and forward the current music, press the **Volumen key** to adjust the volume.

   In the **Audio Player** screen, press the **left soft key** "**List**" to display the list of music, press the **left soft key** "**Options**" to enter the option menu:

➢   **Play**: play the selected music.

➢   **Details**: check the details of the music.

➢   **Add to ringtones**: add the music to the ringtone.

➢   **Add***: to add music to the playlist, only when you turn off the **List auto gen**.

➢   **Remove***: to remove the music from the playlist, only when you turn off the **List auto gen**.

➢   **Remove all***: to remove all music of the playlist, only when you turn off the **List auto gen.**

➢   **Refresh list**: refresh the playlist.

➢   **Settings**:

   ✧   **Pre. Play list**: to set the default position of the music files, normally you should always set it as **Memory card.**

   ✧   **List auto gen.**: if on, the player will automatically generate the playlist with all the music files from the [My Music] folder. If off, you will see **Add/Remove/Remove all** in the **Options** menu and you can set the playlist by yourself.

   ✧   **Repeat**: to change the repeat mode, set **Off** (not repeat), **One** (repeat one music) and **All** (circularly play all music).

   ✧   **Shuffle**: to change playing order, set **On** (random) or **Off** (play one by one).

   ✧   **Background Play**:   if **On**, the mobile-phone will play the music in other screens (except in Camera, Video Recorder and sound recorder etc.).

   ✧   **Sound Effects**: to set the sound effect from **Normal**, **Bass**, **Dance**, **Classical**, **Treble**, **Party**, **Pop** and **Rock**.

   ✧   **Lyrics display**: to display lyric when you playing the music. The

lyric file must be put in the same folder as the music file and the filename should be the same.

4.8.4 Sound recorder

In this menu, mobile-phone can record sound. The format will be **AMR**, **WAV** or **AWB**. Press the **Up key** to start the recorder. When recording, press the **left soft key** to select "**Pause**" or "**Cont.**", can pause or continue record, press **the right soft key** to select "**Stop**", can edit and save the file. The record file is saved in [Audio] folder.

Press the **left soft key** to select "**Options**" and access the following options:

➢ **New record**: to record a new sound.

➢ **Play**: to play the current record.

➢ **Append**: for **AMR** and **AWB** format, you can append the record to the current file, and save it as the same file.

➢ **Rename**: to change the name of the sound file.

➢ **Delete**: to delete the sound file.

➢ **Delete all files**: to delete all sound files.

➢ **Settings**: to change the file format. You can select **AMR**, **WAV** or **AWB** by the **left/right key**.

➢ **Use**: to set the current record file as the ringtone in the **User Profile**.

➢ **Send**: to send the current record file by **MMS**.

4.8.5 FM radio

Enter this menu, press **Volumen key** to adjust the volume, press **Left/right Nnavig'ation keys** to adjust the channel, press **OK key** to control the Fm radio to play. Press **left key "option"** can select the operation as follows:

➢ **Channel list**   You can set 20 FM channels at most.

➢ **Manual input**   You can input the frequency of FM radio.

➢ **Preset auto search**   The auto search will get the valid FM radio frequencies and establish the channel list.

➢ **Settings**   to set the background play.

4.9 Services

4.9.1 STK*

Press the **up/down** keys to select "**STK**". Press the left soft key to enter the "**STK**" main menu. Here you can use the value-added services provided by your network operator.

Your mobile phone supports STK functions. This service is provided by your network operator. If your SIM card and network operator do not provide this service, then you will not be able to use this function. For more information please contact your network operator

4.9.2 Data Account

  4.9.2.1 GSM Data

In this menu, the mobile-phone will show the **Data Account** list of GSM data. You can select and edit the GSM data:

  Account Name：   to edit specify a name for the account.

  Number：   to the phone number to dial for connecting to the account server.

User Name：	to the user identification to login the account.
Password：	to the password to login the account.
Line Type：	to the options have **Analogue** and **ISDN**.
Speed：	to rate for transmit/receive data to/from the account server. The options have **4.8Kbps**、**9.6Kbps** and **14.4Kbps**.
Primary DNS：	to edit the Primary DNS address.
Secondary DNS:	to edit the Secondary DNS address.

4.9.2.2 GPRS

In this menu, the mobile-phone will show the **Data Account** list of GPRS data. You can select and edit the GPRS data:

Account Name：	to edit specify a name for the account
APN：	to edit APN.
User Name：	to edit the user identification to login the APN.
Password：	to edit the password to login the APN.
Auth.Type：	to set the authority type to Normal or Secure.
Primary DNS：	to edit the Primary DNS address.
Secondary DNS:	to edit the Secondary DNS address.

4.10 Organizer
4.10.1 Calendar

Press the **left soft key "Options"**:

- **View today**   to view the pre-saved event of today.
- **View all**   to view all the pre-saved events.
- **Add event**   to add an event as **Reminder**, **Meeting** or **Course**.
- **Jump to date**   to jump to a specified date as you want
- **Go to weekly/monthly view** to switch the format of the calendar between weekly view and monthly view.

4.10.2 Tasks

Display all the task arrangement. If there is no task, it will show Empty, and press the **left soft key** "**Add**" to add task. Otherwise, press the **left soft key** "**Options**" to enter the option menu:

- **View**   to view and edit the current task.
- **Add**   to add a new task. You can choose the task type from **Date**, **Call** and **Anniversary**.
- **Edit**   to edit the current task.
- **Delete**   to delete the current task.
- **Delete all**   to delete all the tasks.
- **Send vCalendar** to send the task by **SMS** or **MMS**.
- **Save as file** to save the task as file.

410.3 Alarm

The mobile-phone can set five alarms at most, and hold out the alarm when the phone is power off. Selecting one alarm, you can turn on/off，set the time, repeat mode, snooze time and alert type.

4.10.4 World clock

Enter World Clock submenu, display world time zone map, move coordinate location by the left/right keys, the interface will show the city time located by the coordinate.

4.11 Settings
4.11.1 Phone setup
Enter the "**Phone Setup**" menu. Here you can make the following settings:
4.11.1.1 Time and data
Use this menu to change the time and date displayed on your phone. Enter the "**Time and Date**" submenu. Here you can make the following settings:
- **Set Home City** to select the home city.
- **Set Time/Date** to set the current time and date of mobile-phone according as established format. The mobile-phone allows setting date between 2000 and 2030 year. You can also turn on/off the Daylight saving.
- **Set Format** to set the time format: **12-hour or 24-hour**, to set date format: **YYYY MM DD, DD MM YYYY, MM DD YYYY,** to set the date separator as "**. : / -**".

4.11.1.2 Schedule Power On/Off
You can edit four times to turn on/off the mobile-phone. Each time includes setting as follows: **Status** (Disable or Enable), **Power On** or **off** and time. When the time arrives, mobile-phone will automatically turn on/off according to your setting..
Note: time can not repeat, because same time can not be active at one time.

4.11.1.3 Language
Set the current language.

4.11.1.4 Pref input methods
There are kinds of input methods in the mobile-phone, choose one as the default characters editor**.**

4.11.1.5 Display Characteristics
Wallpaper: you can select the wallpaper from "**System"** or through "**User Define"** menu from file manager.

Screen Saver: you can set the status and waiting time of screen saver, and select the picture by "**Select**" menu; you can choose it from "**System**" or "**User Define**" from file manager.

Show Date and Time: if set it **on**, the idle screen will show the time and date.

4.11.1.6 Greeting text
Turn **On** or **off** status, and **Edit** the start up greeting for the phone.

4.11.1.7 Auto update of data and time
Set the auto update of data and time to off or on.

4.11.1.8 Flight mode
You can select three kinds of mode: **Normal Mode**, **Flight Mode** and **Query When Power On.** If you choose **Flight Mode,** the network will be closed.

4.11.1.9 Misc setting
LCD Backlight: to set time of LCD backlight from 5~60 sec.

4.11.2 Network setup

Network Selection:*

  New Search: Search network again.

  Select Network: Search network, can select the network you need from the network list.

  Selection Mode: press **the left soft key "Change"** to select **Automatic** or **Manual**. **Automatic**: to automatic search and connect to the first available network. **Manual**: to search an available network list for user manually select and select the network you want.

 Preferences: it shows a list of networks already configured and set by the user. The preferred networks will be stored in SIM card.

 Pressing the **left soft key** "**OK**" will show the user list of preferred networks. Select an item, press the **left soft key** "**Options**" to enter it:

  Add From List: to add network from pre-defined **PLMN LIST** and can press the **left/right keys** to set priority in the search.

  New: to add new network to the preferred networks list, can set name and priority.

  Change Priority: to change the priority selected.

  Delete： to delete the selected network from the Preferred Networks list**.**

 GPRS Connection:

 Press the **left soft key "Change"**, select between When needed connection and Always connection

 *Note: the function needs the support of network operator.

4.11.3 Security setup

 Enter the "**Security Setup**" submenu. Here you can set the security options of your mobile phone to avoid the illegal use of your mobile phone and SIM card

 4.11.3.1 SIM lock

 The PIN number can prevent the illegal use of your SIM card.

■ If **SIM Lock** is **off**, select "**ON**" and input PIN number to activate SIM Lock protection. The next time when you turn on your phone you will be asked for your PIN number;

■ If your PIN number protection is currently in use, select "**Off**" to turn off the PIN number protection.

Note: If you successively input your PIN number three times incorrectly, your SIM card will be locked. Then you need the PUK number to unlock the SIM card. The PIN number and PUK number may have been provided to you together with the SIM card. If you do not have it, please contact your network provider. The default PIN number is usually 1234. You should change it to your own code as soon as possible.

 4.11.3.2 Phone lock

 The Phone Lock can prevent the unauthorized use of your mobile phone.

 Enter the "**Phone Lock**" submenu. Here you can make the following operates:

■ If your phone lock protection is currently inactive, select "**On**" to activate the

phone lock protection. The next time when you turn on your phone you will be asked for your phone lock code;

- If your handset lock protection is currently in use, select "**Off**" to turn off the handset lock protection;

Attention: The default phone lock code is 0000. You should change it to your own code as soon as possible.

4.11.3.3 Auto keypad lock

Select a time from **5 sec, 30sec, 1min** and **5min**, on idle screen, if you do nothing in the time of setting, keypad will automatically lock. If you select "**None**", it will cancel this function.

4.11.3.4 Fixed dial

If your SIM card supports it, outgoing calls can be restricted to certain numbers. When this function is activated, you may only dial the numbers that are in the fixed dialling list, or numbers that have the same initial numbers as those on the fixed dialling list.

Enter the "**Fixed Dial**" submenu. You can make the following settings:

Mode: to input PIN2 number to select to turn on or off the fixed dialling functions.

Fixed Dial List: to when the fixed dialling list will appear, can carry out the desired operations. If the list is empty, can press the **left soft key** "**Add**" to add and edit name and number of fixed dial.

Note: You need to enter your PIN2 number to turn on or off the Fixed Dialling function. Please contact your network provider to obtain the PIN2 number. After turning on the Fixed Dialling function, only numbers in the fixed dialling number list are displayed in the phone book

4.11.3.5 Barred dial

If your SIM card supports it, certain numbers can be barred call. When this function is activated, you may only dial the numbers that is in the barred dialling list.

Mode: to input PIN2 number to select to turn on or off the barred dialling functions.

Fixed Dial List: to when the barred dialling list will appear, can carry out the desired operations. If the list is empty, can press the **left soft key** "**Add**" to add and edit name and number of barred dial.

Note: You need to enter your PIN2 number to turn on or off the Barred Dialling function. Please contact your network provider to obtain the PIN2 number. After turning on the Barred Dialling function, only numbers in the barred dialling number list are displayed in the phone book. The barred dial number list is stored in the BDN file in the SIM card. If current SIM card does not have BDN file, a popup windows shows "SIM Card Not Support!"

4.11.3.6 Change password

User is allowed to change **PIN**, **PIN2** and **Phone Lock Password**.

If user want to change **PIN**, but SIM lock is not enabled, then user can not change **PIN**, a popup window shows "**PIN Lock Must Be Enabled!**" along with an error tone.

Note: Password number must more than 4 digits (include 4 digits) and maximum 8 digits

4.11.4 Restore Factory Settings

Enter the "**Restore Factory Settings**" submenu. Here you can restore the relevant settings to the manufacturer's settings.

Note: Restoring the manufacturer's settings requires the correct handset lock code to be entered. Some settings cannot be restored to the manufacturer's settings until the phone is restarted.

4.12 User profiles

rding to the environments.

- **General**   for using under general circumstances.
- **Meeting**   for using in meetings. This requires presetting (for example, Alert Type set to the Vibration only).
- **Outdoor**   for using in outdoor activities. This requires presetting (for example, you can set the volume of the receiver and ring tone higher).
- **Indoor**   for using in indoor activities. This requires presetting.
- **Headset**   for using in headset activities, this mode will activate when earphone insert. This requires presetting (for example, you can set the volume of the receiver and ring tone lower).

Note: These five profiles have already been set and the default profile is "General" when the mobile phone leaves the factory. On standby, you can long press the # key to quickly turn silence on or off.

Press the **up/down keys** to select a profile, then press the **left soft key** "**Options**":

   Activate: to activate selecting profile.

   Customize: for you to customize the profile.

Select "**Customize**" menu, it will display the menu as follows:

- **Tone Setup:**   To allow the user to customize different ring tones with different option, for example, incoming call, power on or off, and so on.
- **Volume：**   Two type of volume can be set: **Ring Tone** (including incoming call, alarm, power on, power off, message tone) and **Key Tone** (associated with key press).
- **Alert Type：**   This option allows the user to set the kind of alert he expects when there is an incoming call. User can select four types: **Ring Only/Vibration Only/Vibration and Ring/ Vibration then Ring.**
- **Ring Type：**   This option allows the user to set mode of ring, include **Single**, **Repeat** and **Ascending**.
- **Extra Tone：**   The user can turn on or off the tone as follows: **Warning**, **Error**, **Camp on** and **Connect**.
- **Answer Mode:** The user can select different modes of answering: **Any Key** (except for the Hang-up key, right soft key) and **Auto** (display when the earphone insert).

4.13 Shortcuts

You can apace select corresponding function and enter.

5 Input Method

5.1 General Outline

This mobile phone provides many input methods. Character entry functions permitted by this mobile phone are:

- Inputting and editing of short messages
- Inputting and editing of names in the phone book
- Looking up the phone entry by name
- Editing of text in MMS

5.2 Screen Key values

The keyboard values are as follows:

Generally the **Left soft key** indicates confirmation; the **Right soft key** is to return or eliminate.

Navigation keys (up/down and **left/right keys)**: Generally used to move the cursor or candidate characters for inputting.

OK key: Generally indicates OK.

 # key: to switch between different input methods.

* key: to display symbol input interface.

Number keys from **2** to **9**: in the intelligent language input modes, indicate the letters on the corresponding key.

RF exposure information: To maintain compliance with FCC RF exposure requirements, use handset that maintain a 20cm separation distance between the user's body and the host. MPE limit for RF exposure at prediction frequency is 0.558mW/cm2 for GSM850MHz and1mW/cm2 for GSM1900MHz. The MPE for GSM850MHz is 0.154 mW/cm2 and 0.92mW/cm2 for GSM1900MHz. It satisfy RF exposure compliance.

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

 NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

 NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules.   These limits are designed to provide reasonable protection against harmful interference in a residential installation.   This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.   However, there is no guarantee that interference will not occur in a particular installation.   If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
 - Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and receiver.
 -Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
 -Consult the dealer or an experienced radio/TV technician for help