WARNING：

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

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.

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.

The following are the suggested text on SAR information

Specific Absorption Rate (SAR) information

The SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue. This model (FCC ID: YROG222) has also been tested against this SAR limited. The highest SAR value reported under this standard during product certification for use at the ear is 0.713 W/kg.

There are no body worn configurations (e.g. belt-clips, holsters or similar accessories), then body SAR is not required.

Shielded cables must be used with this unit to ensure compliance with the Class B FCC limits, and the shielded cables is marketed with the mobile phone, don't use others.

GPRS Class: Class B

Contents

1. Preface 7
2. Quick Start 9
2.1 Icons Help 9
2.2 Keys description 9
2.3 Install SIM card and battery 11
2.4 Install memory card 12
2.5 Battery Charging 14
2.6 Switching on/off 15
2.6.1 Switching on 15
2.6.2 Switching off 15
2.7 Use shortcut keys 15
3. Call functions 17
3.1 Make a phone call 17
3.1.1 Dial Directly 17
3.1.2 Dial Tray 17
3.1.3 International calls 17
3.1.4 Make a call using contacts 18
3.1.5 Redial the phone numberthe dialed lately 18
3.1.6 Dial the number with extension 18
3.1.7 Emergency call 19
3.2 Answer or reject a call 19
3.2.1 Answer a call 19
3.2.2 Answer the second call 19
3.2.3 Reject a call 20
3.3 The menu in communicating 20
3.4 Adjust the volume 21
3.5 End a call 21
4. Call log 22
4.1 Dialed numbers 22
4.2 Received calls 23
4.3 Missed calls 23
4.4 Rejected calls 23
4.5 Delete All 23
4.6 Call timer 23
4.7 Call costs (need network support) 24
4.8 GPRS flowrate 24
5. Contacts 25
5.1 Search contact 25
5.2 Quick Search 27
5.3 Add new contact 28
6. Internet 30
6.1 URL 30
6.2 Homepage 30
6.3 Bookmarks 31
6.4 Histories 31
6.5 Snapshot 31
6.6 WAP settings 32
6.6.1 Browser settings 32
6.6.2 Prior storage medium 32

6.6.3 GPRS settings 33
6.6.4 Restore Default 33
7. Multimedia 34
7.1 Camera 34
7.1.1Take photos 34
7.1.2 DV 36
7.2 Audio player 37
7.2.1 Play audio background 39
7.2.2The menu of Option 39
7.3 Video Player 41
7.4 FM Radio 42
8. Message 44
8.1 Write message 44
8.1.1 New SMS 44
8.1.2 New MMS 45
8.2 Inbox 48
8.3 Outbox 48
8.4 Draftbox 48
8.5 Sentbox 48
8.6 Message settings 48
8.6.1 Template SMS 49
8.6.2 Voice mail 49
8.6.3 Cell broadcast 50
8.6.4 SMS settings 51
8.6.5 MMS settings 51
8.6.6 Message memory 52
9. Tools 53
9.1 Alarm 53
9.2 Calendar 53
9.3 Calculator 54
9.4 Recorder 54
9.5 World time 55
9.6 STK 55
10. Pastime 57
10.1 Picture Brower 57
10.2 EBook 58
10.3 Boxman 60
11. File list 61
12. Settings 63
12.1 Call settings 63
12.1.1 Dual-SIM 63
12.1.2 Network settings 64
12.1.3 Divert calls 65
12.1.4 Restrict calls 65
12.1.5 Call waiting 66
12.1.6 Hide ID (Requires the network to support) 67
12.1.7 Line selection 67
12.1.8 Fly mode 67
12.1.9 Others 67
12.2 Phone 69

12.2.1 Time and date 69
12.2.2 Language 69
12.2.3 Input modes 69
12.2.4 Set shortcut 69
12.2.5 Auto power on / off 70
12.2.6 Power management 70
12.2.7 Restore factory settings 70
12.3 2D setting 70
12.4 Display 70
12.4.1 Wallpaper settings 70
12.4.2 Standby style 71
12.4.3 Set idle display 71
12.4.4 Contrast 71
12.4.5 Backlight 71
12.4.6 Keypad light 71
12.4.7 Animation effect 72
12.5 Security 72
12.5.1 PIN 72
12.5.2 PIN2 74
12.5.3 Privacy protect 74
12.5.4 Auto key 75
12.5.5 Red key locks keypad 75
12.5.6 Power-on PWD 75
12.5.7 Theft proof 76
12.6 Profiles 78
12.7 Link 80
12.8 Torch 82
13. Additional features 83
13.1 The function of U disk 83
14. Phone maintenance 85
15. Eliminate the Simple Trouble 87
15.1 Phone can not switch on 87
15.2 Phone be shut down automatically 87
15.3 PIN/PUK Lock 88
15.4 Poor quality for calling 88
15.5 Can not receive calls 89
15.6 Can not make calls 89
15.7 Call volume is small 89
15.8 The opposing party can not hear your voice 90
15.9 Phone does not ring with incoming call 90
15.10 Battery can not charge 90
15.11 Reveal no network 91
15.12 Phone can not detect memory 91
15.13 Storage space is not enough 91
15.14 The Option for PC Camera can not be achieved 92
16. Safety Information 93
16.1 The environment for using 93
16.2 Medical equipment 94
16.2.1 Pacemaker 94
16.2.2 Hearing aids 95

16.2.3 Emergency Call 95
16.3 Accessing password 96
16.3.1 Password of power-on 96
16.3.2 PIN 96
16.3.3 PIN2 97
16.3.4 PUK 97
16.4 Precautions for Battery Charging 98
16.5 Cautions for using battery 99
16.6 Caution of Using Accessories 101
16.7 Other security imformations 101

1. Preface

Respected mobile phone users, thank you for your purchase Spreadtrum platform for mobile phones.

Using this kind of telephone will bring some surprised and pleasantly experience to you: Support dual GSM cards and dual standby function; the function of high-definition digital camera allows you to stay colorful memory; professional MP3 music player; the MP4 video player brings all-round multimedia and makes the body comfortable.

Safety Precautions

Please read the following simple rules carefully before using this mobile phone and abide by it consciously.

◆	◆ If you need use mobile phone to make or receive calls while driving, please use the headset or park your car and then use the phone.	◆	◆ Mobile phones will interfere with the communication network of aircraft, so please make sure the phone is turned off or be in the flight mode during flight.
◆	◆ All wireless phones may be subject to interference, which could affect its performance.	◆	◆ When you near the medical equipment and medical location where marks phones can not be used, please turn off your phone.

◆	◆ In order to ensure the best performance and avoid damage to the phone, please use the original accessories and battery and do not use the incompatible products.	◆	◆ When you are in the gas station or close to the places where store fuel, chemical agents or other dangerous goods, please turn off your phone to avoid an explosion.
◆	◆ To avoid interference with blasting operations, please turn off your phone when you are in the blast site or at the place where the icon posted with "turn off two-way radio". Please note and observe any relevant rules or regulations.	◆	◆ Do not burn the battery of the phone or treat with it as ordinary waste, with which can avoid danger and environmental damage. Please observe the local government's environmental policies with timely treatment and recovery.
◆	◆ When your phone needs to connect to other devices, please read the device's user manual to ensure safety.	◆	◆ Some small parts (such as memory card, etc.), should be placed out the reach of children, to prevent child swallowing or other dangerous producing.
◆	◆ Please back up important information stored in the phone or keep a written record, to prevent the loss of important information.	◆	◆ Make sure your phone turn on and is in the service area, enter the emergency number, press the call key to inform your location. Without permission, please do not end the call.

2. Quick Start

2.1 Icons Help

In the standby interface, the following icons may show up and their description is as follows:

Icons	Discription	Icons	Discription
	Indicate the intensity of network signal.		Showing the battery capacity.
	Silent mode is actived.		Vibrate mode is actived.
	Long ring mode is actived.		High ring and vibrate mode
	New SMS.		New MMS.
	Missed call.		Alarm clock is set and activated.
	Bluetooth is opened.		

2.2 Keys description

1. **Number keys:**

Input numbers and characters; customize number keys 1-2 as the shortcuts of voice mail; customize number keys 3-9 as the shortcuts of quick dial.

2. **Right soft key:**

Execute the functions displayed in lower right corner of the screen. And you can use it to delete the anterior letter near the cursor which you have input in the message or exit the interface of editing when there is no letter in the message.

3. Dial key

There are two dial key. They are used to make a phone call by SIM1 or SIM2 and answer the telephone for SIM1 or SIM2; in standby state, adjust the record of the Dialed calls, the Received calls and the Missed calls.

4. Hang_Up key:

It is used to refuse to the telephone; generally press this key to return to standby state under the other condition. Press and hold this key to open/close the mobile phone.

5. Left/Right key:

Move cursor to the left or right while editing; in standby state, press the Left key to access [Profiles] and press the Right key to access [Write message]; in certain submenus, press the Left key to access selected menu and press the Right key to return to previous menu.

6. Up/Down key:

Press to browse names, telephone numbers, short messages, submenus and so on; move cursor up or down while editing; in standby state, press the Up key to access [Camera] and press the down key to access [Alarm].

7. OK key:

In Standby state, press it to enter the main menu or press and hold it to open or close the torch; otherwise pressing it to access the menu you have chosen.

8. * key:

Input special symbols; in standby state, press and hold this key to switch among *, +, P and W.

9. # key:

Press this key to input # or switch the input methods; in standby state, press and hold this key to switch between Silent mode and the General profile.

10. Audio key:

It is a shortcut key to enter the audio player directly when the phone is in the standby state.

Note: In this manual, press a key means to press the key and release; press and hold a key means to press the key and hold for no less than 2 seconds.

2.3 Install SIM card and battery

- Hold down the switch key at the top of the phone about three seconds;
- Push down and remove the battery cover;

- Remove the battery;
- Fit on the SIM1 (based on the slot with the sign of "SIM1"). When you are installing the SIM card, please make the contact dot down (make sure the direction of the gap on the SIM card is consistent with the slot) and then push the SIM card inside the slot until the full match (the installation method of SIM2 is similar to SIM1).
- Make the metal contact part of the battery aim at the contact pad position and fit on it, and then install the battery cover.

Explain:

Function description in this manual is based on inserting two SIM cards and selecting [Settings → Call setup → Dual-SIM → Standby mode→Dual SIM dual standby]. If you only insert a single card or not select the Dual SIM open, the interface and the Option is not the same as the discriptions in the manual.

2.4 Install memory card

This phone supports dual T-flash cards: one is near the SIM card slots, which is used as U disk; the other one is at the right side of the phone, which is named memory card.

Insert the memory card and then you can put up browsing, copying and other operations to the files on the memory card through the phone. You can

expand the phone memory with the memory card.

■ The card which is near the SIM card slotes:

- Remove the back cover and battery;
- Make the side of Memory card which have the golden touch down, push the card with the narrow end first into the slot until it is fully consistent with the slot to complete the installation.

■ The card which is at the right side of the phone:

- Open the plastic cover which is marked with T-FLASH;
- Insert the T-flash card in the slot directly until it is fully consistent with the slot to complete the installation (please notice the direction of the T-flash card).
- Close the plastic cover.

Warning:

Do not insert or pull the memory card fast and frequently, to avoid damage to the memory card.

2.5 Battery Charging

Use the travel charger

- Insert the battery into the phone correctly;
- Open the rubber cover underneath the phone, make the side which has arrow towards the screen, insert the charger plug into the charging interface, and then connect the travel charger to standard power outlet.
- After insert the charger, the battery strength icon in upper right corner of the screen starts scrolling that charging has begun. When the battery is fully charged, the icon will stop scrolling and the battery symbol will display full grid on the screen.
- Charging is completed, first disconnect the charger with standard electrical outlet and then disconnect the phone and charger.

Attention:

1. Please use the standard battery and charger, or it may bring explosion.

2. If the battery is completely discharged, the battery icon should be appeared after charging 2 to 3 minutes. Generally based on the current state of the phone (if it is power on or be calling, etc.), the charging time is different for 2 to 5 hours.

3. Please charge your battery through charger and avoid using the USB cable to charge as much as possible.

4. To ensure the new battery achieving the optimal performance, please make the battery complete the battery charge and discharge cycles for two to three times. Several initial charge for new battery, please charge more than 10 hours continuously.

2.6 Switching on/off

2.6.1 Switching on

- Press the Hung_Up key about three seconds to swith on.

2.6.2 Switching off

- Press the Hung_Up key about three seconds to swith off.

Warning:

When you are at the place where the use of phone is prohibited or when it may cause interference and dangerous, do not open your phone and ensure it is not open the function of timer switch.

2.7 Use shortcut keys

In standby state, press some button directly allows you to access the phone functions quickly, which used frequently.

Button	Operation	Function

Number keys of 1 to 2	Press and hold	Get into the voice mail of SIM1 or SIM2.
Number keys of 3 to 9	Press and hold	Get into the appropriate speed dial.

3. Call functions

3.1 Make a phone call

3.1.1 Dial Directly

- In the standby state, enter the area code and the phone number.
- Press the Dial key of SIM1 to make a phone call by SIM1, press the Dial key of SIM2 to make a phone call by SIM2.

3.1.2 Dial Tray

- In the standby state, after pressing any number key, the dial interface showed, and then you can dial directly using the keyboard.
- Press the Dial key of SIM1 to make a phone call by SIM1, press the Dial key of SIM2 to make a phone call by SIM2.
- Choose "Option" and you can carry through these functions accord to the prompts: Add to contacts, Add to existing contact, Send SMS, Send MMS, Insert wpn, SIM1 call, SIM2 call or make a IP call.

3.1.3 International calls

- Enter the country code (if the "+" is required to input when you enter the country code, please press the “*” key twice continuously).

- Enter the area code (usually without the preceding "0") and phone number.
- Press the Dial key of SIM1 to make a phone call by SIM1, press the Dial key of SIM2 to make a phone call by SIM2.

3.1.4 Make a call using contacts

- Get into the Contacts to find the record you need.
- Press the Dial key of SIM1 to make a phone call by SIM1, press the Dial key of SIM2 to make a phone call by SIM2.

3.1.5 Redial the phone numberthe dialed lately

- Access the main menu to select [Call log], or press the Dial key in standby state to view the call history and select the phone number to call.
- Press the Dial key of SIM1 to make a phone call by SIM1, press the Dial key of SIM2 to make a phone call by SIM2.

3.1.6 Dial the number with extension

- Enter the switchboard number.

- In the dial-up screen, select [Option → Insert wpn→ Pause P], then enter the extension number.
- Press the Dial key of SIM1 to make a phone call by SIM1, press the Dial key of SIM2 to make a phone call by SIM2. The extension number will be sent out after switchboard number is dialed successfully for a few seconds.

3.1.7 Emergency call

- Enter the emergency number;
- Press the Dial key of SIM1 to make a phone call by SIM1, press the Dial key of SIM2 to make a phone call by SIM2.

3.2 Answer or reject a call

3.2.1 Answer a call

- When there is a incoming call, press the Dial key of SIM1 or the Left soft key to answer

3.2.2 Answer the second call

- If the phone set up the function of Call waiting, another call is incoming

when you are communicating with somebody, the phone will prompte you with, and you can deal it as follows:

- ✧ Select [Maintain and Answer] or [Release and Answer] to answer the second call after pressing the Dial key of SIM1 or the Left soft key, and then the **preceding** call is set as maintain state automatically.
- ✧ Press the Hung_UP key or the Right soft key to reject the second call to continue the current call.

3.2.3 Reject a call

- ➢ When a call is coming, press the Hung_Up key or the Right soft key for two times to refuse answer.

3.3 The menu in communicating

During the communication with phone, select the Menu can operate the following actions:

- ➢ Turn on handfree: open or cancel the function of hands-free. During a call, press the right soft key to choose <Handsfree> can also open / close this function.
- ➢ Shuttle: maintain the current call by selecting [Shuttle]; while maintaining a call, it can resume an active call after selecting [Shuttle] (this feature requires the support of network).
- ➢ Contacts: get into the Contacts.
- ➢ Message: access the menu of message.

- Call record: enter the list of call history.
- Start/Stop to record: record the content of communication and then select [Menu → Stop to record] to stop the recording. At this point the phone recording will be saved in the [Tools → Recorder → Option → Record file list] automatically.

> Attention：
> Recording of the call is illegal in some countries. Therefore, when you are recording about the call, you should seek the consent of the other party at first.

- Turn on/off mute:: turn off the microphone temporarily during a call. If you open this function, you can hear each other's voice, but the other party can not hear your voice. Select [Unmute] can resume the call.

3.4 Adjust the volume

During a call, you can use the arrow keys "up / down key" or "Left / Right" to adjust the volume.

3.5 End a call

When you need end the call, press the Hung_Up key to end the call.

4. Call log

4.1 Dialed numbers

Display the resent records of dialed calls. Select one of them and enter [Option]:

Option		Function
Detail		Show the details about the selected record.
Call		Select SIM1or SIM2 to make a call.
Save		Store this record to SIM or phone.
Send message	SMS	Send out a message to that number.
	MMS	Send out a multimedia message to that number.
Add to existing contact		Add this number to Contacts of phone.
Set as rejected number		Set the current number as refusing call, and then you can find it after accessing [Contacts → Blacklist].
IP call		Select the type of SIM card and make an IP call for this record.
Delete		Delete this record.
Delete All		Delete all the dialed records.

For the function of calling, you can go to [Settings → Call setup → Dual-SIM] and select SIM1, SIM2 or Prompt according to your need.

4.2 Received calls

Display the received calls which you have answered recently. The operation of "Received calls" and "Dialed calls" is similar.

4.3 Missed calls

Show the recent records of missing. The operation of "Received calls" and "Dialed calls" is similar.

4.4 Rejected calls

Refuse to accept the phone number which has been set.

4.5 Delete All

Remove all telephone records.

4.6 Call timer

Select the type of SIM card you want to view and then you can see the related information about timer.

4.7 Call costs (need network support)

- **All costs:** check the total cost for SIM1 and SIM2.
- **Max costs:** Set the max cost for SIM 1 and SIM 2, you can also edit it.
- **Cost rate:** Set the price for SIM 1 and SIM 2, you can also edit it.
- **Cost reset:** The total cost of the call will be cleared to zero.

4.8 GPRS flowrate

View the correlative information of GPRS counter.

5. Contacts

The phone prepares high-capacity phone storage space carefully for you. The capacity for storing depends on the SIM card.

5.1 Search contact

In the standby state, select [Contacts] and enter the contacts list for viewing. Carry out searching location through the keys on the keyboard directly (it supports fuzzy search).

✍ Example: search "李四"

Enter "57" can find it, for the corresponding phonetic of "李" is "l" and the corresponding phonetic of "四" is "s".

✍ Example: search "**sam**"

The letter of "sam" is corresponded to the number key of "726", so you just need press the "726" key to find the name.

✍ Example: look for names, at the beginning of which is symbol, such as";", "?" and so on.

Enter "1" directly to look for it.

After entering the Contacts, it shows the list of all contacts. Press the Left and Right keys to switch among the various groups.

Option	Function	图标
All	Show all contacts in SIM1, SIM2 and in the phone.	
Unclassed group	Show the contacts of " Unclassed group ".	
SIM1	Show all contacts stored in SIM1.	
SIM2	Show all contacts stored in SIM2.	
Family	Show all contacts whose group set as "Family".	
Friends	Show all contacts whose group set as "Friends".	
Colleagues	Show all contacts whose group set as " Colleagues ".	
Classmates	Show all contacts whose group set as "Classmate ".	
Blacklist	Show all contacts which have set as rejecting number.	
Other 1	Show all contacts whose group set as "Other 1".	
Other 2	Show all contacts whose group set as "Other 2".	
Other 3	Show all contacts whose group set as	

	"Other 3".	

The order of contact is in accordance with unnamed, special symbols, numbers, letters (if it is Chinese name, you can select the names by the corresponding Chinese phonetic alphabet).

5.2 Quick Search

In the standby state, select [Contacts] and enter the contacts list for viewing. Carry out searching location through the keys on the keyboard directly (it supports fuzzy search).

✍ Example: search "李四"

Enter "57" can find it, for the corresponding phonetic of "李" is "l" and the corresponding phonetic of "四" is "s".

✍ Example: search "**sam**"

The letter of "sam" is corresponded to the number key of "726", so you just need press the "726" key to find the name.

✍ Example: look for names, at the beginning of which is ";", "?".

Enter "1" directly to look for it.

Select the record you have selected and enter [Option]:

Option	Function
New	Create information for new contact.
Contacts search	Find the details of the required number.
Write message	Edit and sent SMS or MMS to the current number.

Dial up		Call the current number. You can select dial directly or make an IP dial.
Send vCard		Sent this record via SMS or Bluetooth.
Delete		Delete the current record.
Mark		Mark the current record or mark all the records.
Copy		Copy the record to SIM1 (SIM2), U disk or memory card.
Others	Speed dial setting	Add this number to the list of speed dial. After setting the function of speed dial, press one of the keys from 3 to 9 in standby state and then you can dial the speed dial number corresponding to the number key directly.
	Own number	Set the current number as my phone numbers. Whether support the function and the number of storage depends on your SIM card.
	Memery query	Query the memory state of Contacts for SIM1, SIM2 and phone.
	Single / double line display	Recorded information can be displayed in one-line or two-line.

When the members of groups (except "All", "SIM1", "SIM2") is not empty, it can also offer [Transfer], [Rename] and other operations by pressing [Option].

5.3 Add new contact

- **Phone**: all records stored in phone except contacts stored in SIM1 and SIM2. You can select the corresponding group and set more than one number. This feature allows you to input your name, phone

number, home phone, business phone and so on. You can choose caller picture and caller ring tone for the current contact.

- **SIM1** / **SIM2**: add contacts to the SIM1 or SIM2 and it can store only one number to each name.

Note:

The name of new contact can be empty but the number of it can not be empty.

6.Internet

The Internet is the application platform which combines the wireless communications and Internet and it enables you to get rich application by phone, such as Internet information resources and e-commerce.

In the standby state, press the middle key to enter the main menu and them select "Internet."

Notice:

1. Your Internet service provider may not support some functions, so please make sure your SIM card can support and have opened the Internet feature in order to ensure the normal operation of the browser.

2. If you browse the web, you need to charge fees related to traffic.

6.1 URL

Input the web site you need to browse.

China's largest free wireless Internet portal lets you know the world without leaving home.

6.2 Homepage

Select this to connect the pre-set homepage or the default homepage

directly.

6.3 Bookmarks

The bookmark is blank as default and you are free to edit it. Commonly used website can be saved in the bookmarks with a simple name tag. Select one of the bookmarks and then you can connect to the current web site directly. The setting operation is as follows:

Add bookmark: Select it, input the address and name for the bookmark and then select save.

6.4 Histories

Record the web sites you have visited previously.

6.5 Snapshot

Enter it and you can browse a snapshot which you have saved in.

6.6 WAP settings

6.6.1 Browser settings

- Clear cache: In order to avoid congestion and improve the speed of web browsing, please clear the cache periodically.
- Network account SIM1/SIM2: Select the accout for SIM1 or SIM2.
- Image download: activate the feature and then the image of the download page can display.
- Play background sound: start it and then you can play the background music.
- Accept pushmsg: you can receive Push messages after activating the feature.

> Notice: Do not change the settings, or it may not visit the website normally.

6.6.2 Prior storage medium

You can choose the priority position for picture browser, music and images.

6.6.3 GPRS settings

Set the GPRS is always opened or opened when necessary.

6.6.4 Restore Default

WAP settings can be restored to the initial state.

In the interface of browsing the web, make the focus switch among the address bar, web and tool bar by pressing the "left soft key".

Use the toolbar:

The icon shows the following table when you are browsing the web:

Icons	Funtion
	Home: Return to homepage.
/	Refresh: Update the page content or close it.
	Back: According to the history, visit a website after the current page.
	Forward: According to the history, visit a website on the current page.
	Bookmark: save the current URL in bookmark.
	Add Homepage: Set the current web as homepage.
	Recent pages: View the history of web viewing.
	Save the file: You can save snapshot, save picture or save the sound.
	Quit: choose it to exit the browser.

7.Multimedia

7.1 Camera

Get into the Multimedia, select [Multimedia → camera] to enter the camera interface.

7.1.1Take photos

In the camera interface, use the up and down keys to adjust the focal length; use the left and right key to enter the [shooting Settings]; use the middle key to take pictures.

In the [shoot mode] under the menu of [shooting Settings], select [DC mode] to begin to find the view.

➢ **Camera settings**

In the camera interface of finding the view, use the left and right key to enter the Option of [shooting settings] to set:

- ✧ Shoot mode: You can switch between DC mode and DV mode directly.
- ✧ Size: Set photo's resolution is 1280x960, 640x480, 320x240 or 176 x220.
- ✧ Profiles: Switch the mode between normal mode and night mode.
- ✧ Brightness: Use the up and down keys to set the brightness effect.
- ✧ Contrast: Use the up and down keys to set the contrast effect.

- ✧ Exposure bias: Use the up and down keys to set the exposure compensation effect.
- ✧ Frame: You can choose No frame or Frame1.
- ✧ Cont. shot: Set the continuous shot mode.
- ✧ White balance: Select Auto, Incandescence, Fluorescent, Daylight or Cloud.
- ✧ Delay: You can set the timer as disabled, 3s or 10s. After setting the delay time, the camera interface will appear the countdown in the preview screen after pressing the middle button to take photos. After a set time, the phone will take photographs automatically.
- ✧ Special effects: You can set the effect as normal, black and white, red, green, blue, yellow, negative or sepia effect.

➢ **Option:**

In the photo viewing interface, use the left soft key to enter [Option]:

- ✧ Gallery: Access to view images.
- ✧ **Settings:**
  - ◆ Quality: Select high, normal or simple according to your need.
  - ◆ Banding: You can set it as 50HZ or 60HZ.
  - ◆ Shutter sound: Open or close the effect of shutter sound.
  - ◆ Auto Save: Open this setting, the system will save the photos you have taken automatically; otherwise, you need to press the confirm key to save the current photo.
  - ◆ Display parameters: Open it, the upper left corner of the preview interface for taking pictures will show the photographs parameters.

- ✧ Storage: Set the storage location for the current photo.
- ✧ Help: Provide the help information.

7.1.2 DV

In the [shoot mode] under the menu of [shooting Settings], select [switch to shoot] to begin to find the view for filming.

➢ shooting settings

In the interface of camera viewfinder, use the left and right keys to enter the [shooting settings] to set:

- ✧ Shoot mode: You can switch between DC mode and DV mode directly.
- ✧ Size: Set photo's resolution is 320x240, 176x144, 160x128 or 128 x96.
- ✧ Brightness: Use the up and down keys to set the brightness effect.
- ✧ Contrast: Use the up and down keys to set the contrast effect.
- ✧ Effect: You can set the effect as normal, black and white, red, green, blue, yellow, negative or nostalgic effect.

➢ **Option**

In the camera viewfinder interface, use the left soft key to enter [Option]:

- ✧ View: Get into the list of video files.
- ✧ **Settings：**
  - ◆ Banding: You can set it as 50HZ or 60HZ.
  - ◆ Audio: It can be turned on or off, in order to take audio video or silent vedio.

- ◆ Type: Set the video files as AVI or 3GP according to your need.
- ◆ Display parameters: Open it, the upper left corner of the preview interface for shooting will show the parameters of shooting.

✧ Storage: Set the storage location for the current photo.

✧ Help: Provide the help information.

Description:

If you are shooting, there are calls, MMS, alarm clock and other information coming, the current shooting video will be saved automatically.

7.2 Audio player

The phone can play your stored music files and the downloaded ring tones by audio player; it supports the function of background play.

Description:

The Audio player supports MPEG 1 layer 3 audio, MPEG 2 layer 3 low sampling rate extension and MPEG 2.5 layer 3 (unofficial).

In the standby state, press the middle button to access main menu; select [Multimedia → audio player] to get into the audio player interface.

The icons' description in the play interface of Audio Player:

Icons	Description
/	Switch between play and pause.

/	Select them to go to the upper song or the next song.
	Stop playing.
	No Lyrics
	Display the lyrics. The suffix Lyrics is lrc, lyrics and files must have the same name and they are placed in the same directory, then the lyrics can be displayed.
	Display lyrics when the screen is in the state of always lighting.
/	Plus or minus the volume. Press the * key and the # key to adjust the volume.
	The progress bar shows the progress of music playing.
	EQ settings (normal, classical, concert halls, jazz, rock, soft rock)
	Set the start point for the function of repeating.
	Set the end point for the function of repeating.
	Play songs integrallty.
/	Open random playing mode or the order playing mode.
/	Loop or prohibit loop.

Instructions for the interface of audio player: The implementation for all the functions is pressing the OK key after selecting the function you need by the up key, the down key, the left key or the right key, except the volume adjustment.

When the song is playing in the audio player interface or in the

background playing mode, these keys which are just under the phone screen can be used to bring convenience to you: please press the key to play the upper song; press the key to play the next song; press the key to make the audio player in the pause state or playing state when the phone is in the audio player interface, press the key to enter the audio player directly when the audio player is in the background playing mode; press the key to let the audio player stop.

7.2.1 Play audio background

In the playing state of the audio playback mode, press the Hung_Up key to exit playback interface and then the audio player enter the background playing mode with the idle screen which shows the name of the music.

7.2.2The menu of Option

Get into the audio player screen and press the [Option] to open the action menus.

- **Open**: Open the corresponding music file in the memory card.
- **Current playing list:** Display the currently playing track.

Enter the "Cuttent playing List" screen; press [Option] to open the action menus:

- **Play:** Play the selected audio file.

- ✧ **Add music**: The audio in the memory card can be added to playlist.
- ✧ **Delete from list:** The selected audio file will be removed from the current playlist.
- ✧ **Save list:** Save all the songs under the current in the list with the custom name, then you can press [**Playlist**] to find the playlist name you have saved.
- ✧ **Clear current play list:** Clear all the audio files in the current list.

- ➢ **All play lists**: Show all of playlists. The "All music" is a fixed list and you can not delete, rename or copy it.

  Get into "All music" or other list interface, press [**Option**] to carry out these operations: play, browse, delete list, new list, rename, copy, and update the entire track.

- ➢ **Set ring**: The music which is playing is set to "call ring" or "alarm ring".
- ➢ **Add to list**: You can create a new list in the playing music file, and add it to the playlist.
- ➢ **Add music mark**: The selected audio file is set to music bookmarks then it will be stored to the [**music Bookmarks**] automatically.
- ➢ **Music mark**: You can check all the audio files which are set as bookmarks.

- **EQ setting:** EQ settings can be set and it is divided into "General", "Classical", "Concert", "Jazz", "Rock" and "soft rock."

7.3 Video Player

Video player supports files with the format of 3GP, MP4 or AVI. If the document is non-standard format, the conversion tool is required to convert these files into standard format.

Access the main menu and select [Multimedia → Video Player].

Icons description in the playing interface of video player:

icons	Icons Help
/	Play / Pause
/	Fast forward / rewind
	Stop playing
/	Plus / minus player's volume, press * / # sign key to adjust the volume size.
	Display the details of the video files.
	Play all files in the file list continuously.
	Play the current file only.
	Full Screen Playing.

Instructions of the video player interface: In addition to volume adjustment, implementation for other functions is "use the up/down keys and the right/left key to select, and then press the middle button".

Enter the video player screen, press [**List → Option**] to open the action menu.

- **Play:** Play video file at the cursor.
- **Add video item:** Select the video files from the U disk or memory card to add to the playlist.
- **Update list:** Refresh the current playlist.
- **Delete from list:** The selected video file is deleted from the playlist.
- **Detail:** View the details of the music files.
- **Power on animation:** The selected video is set as starting animation.
- **Power off animation:** The selected video is set as shutdown animation.
- **Mark:** The selected video files will be marked.

7.4 FM Radio

In the standby state, press the middle button to access the main menu to enter [Multimedia →FM Radio] after insert or not insert the headset.

Description of Icons in the FM Radio Interface:

Icon	Operation	Instruction
	Showing	Headphone is used to listen to the FM radio.
	Showing	Broadcast the radio by loudspeaker.
88 93 98 103 108	Showing	The scroll bar of frequency.
/	The right/left key	Adjust the frequency of the radio to the right or left.

/	The */# key	Adjust the volume size.
	Showing	Display the volume of the radio.

In the "FM Radio" interface, click [Option] to enter the following menus:

- **Auto search and save:** Search all the radio channels automatically and save them to the "Channel list" automatically.
- **Channel list:** Displays the radio channel after the entire search, the channel can be selected through up and down keys and then press the middle button to listen to radio channels directly.

In "Channel List" screen, press the [Option] to enter the following menus:

  - **Play:** Listen to the selected radio channel.
  - **Edit:** You can edit the "station name" and" "frequency".

- **Save:** The radio channels which searched manually will be saved.automaticly.
- **Manual search**: Enter the desired radio channel directly to search.
- **Open/Close speaker:** Play the radio through speaker.
- **Backgroud play:** This setting allows that after exiting the radio interface, you can continue to listen to the radio. Pull out the headset and then radio play will be exited directly.
- **Help:** It provides the help information.

8.Message

Message is the network service, wether the menu can run or not is connected with the type of your SIM card and the network operators. Please make sure this function of service before using this feature.

8.1 Write message

Before using this feature, you must obtain the appropriate service center number from the network operators. The capacity of the SIM card memory is based on the type of different card.

8.1.1 New SMS

Each of the text messages can contain up to 268 Chinese characters or 612 English characters.

In the standby state, press the middle button to access the main menu and then select [Message →Write message →New SMS] to enter the editing interface.

When you have finished editing text message, select <option> will appear menus as follows:

- **Send**: After inputting the destination number or pressing the left soft key to enter the necessary record through the contacts, you can send out message.
- **Insert template**: Insert templates into the text at the position where the cursor is on.
- **Contact info**: You can extract name and phone number from the contacts and then insert it into the message content.
- **Add phiz**: Insert emotion icons into the text in the cursor position.
- **Save**: Save the edited message to the Drafts.

8.1.2 New MMS

MMS is the multimedia information which supports pictures in the format of GIF, JPEG, WBMP and BMP.

Note:

You can use this function only when the network operator supports it. And only the mobile phone with MMS function can receive and display properly.

In the standby state, press the middle button to access the main menu, then select [Message → Wrire message → New MMS] to enter [MMS Option] interface.

- **Send**: Send the edited MMS to the objective number. Before selectting the menu, you must set up the recipients ' number in advance.
- **To**: Add the recipients' number by [add recipient] or [Add Group]; you can also edit or modify the existing recipients.
- **Cc**: You can Cc the MMS to the designated number of the recipients.
- **Bcc**: All the recipients and the Cc recipients can not see the number of Bcc recipients after receiving this MMS.
- **Edit title**: Edit the content of MMS title.
- **Edit content**: Edit the MMS's content. Select the <option>, it provides as follows:
    - **Edit text**: Edit the text content of the current MMS.
    - **Insert:**
        - **Insert slide**: You can insert a new page; the inserting pages are up to 20.
        - **Insert picture**: You can select the required image with the format of WBMP, BMP, GIF or JPEG.
        - **Insert sound:** You can select audio files with the format of MIDI, WAV, MP3 or AMR to insert in the current MMS.
        - **Insert video**: Add video files with the format of 3GP or MP4 to insert.
    - **Delete:**

- **Delete picture**: Delete the current picture (the option will appear after insertting a picture into current page).
- **Delete sound:** Delete the current sound (the option will appear after insertting a sound file into current page).
- **Delete video**: Delete the current video (the option will appear after insertting an video file into current page).
- **Delete slide:** Delete the current page。

✧ **Previous slide**: Navigate back to the previous page from the current page (this function will appear when there is more than one page in the MMS).

✧ **Next slide**: Navigate to the next page from the current page (this function will appear when there is more than one page in the MMS).

✧ **Set slide time**: Set the play time for the current page, the effective time is1-600 (seconds).

➢ **Preview**: Preview each page in turn.

➢ **Save**: Save the MMS to the [Drafts] to the re-edit or re-send.

➢ **Set send on time**: You can set the edited MMS to be sent at a specified time.

8.2 Inbox

Store the received SMS and MMS.

8.3 Outbox

Save the SMS and MMS which send out failed.

8.4 Draftbox

Save the SMS and MMS which are not sent out.

8.5 Sentbox

Save the SMS and MMS which you sent out successfully. If you want to save the messages which you sent out automatically, you need select [Message → Option] and set it under [Settings → SMS sent messages stored].

8.6 Message settings

In the standby state, press the middle key to access the main menu and select [Message→ Option] to open the message settings menu.

8.6.1 Template SMS

The default message in the Templates can be used directly when writing SMS. By editing, you can self-set up five common template messages.

8.6.2 Voice mail

This feature is similar to the answering machine, with which you can thansfer the missed call to your own proprietary voice mail, it means let the caller leave an oral message and to notify that you have oral messages in voice mail messages via SMS. This feature is part of the supporting software from network operators to users, so you need register the business, and set manually. Please contact your network operator for more details.

Note:

By setting the "call forwarding" feature, the voice calls can be transferred to voice mail (the caller's number for leaving message).

Select the type of SIM card, the provision is as follows:

- **Line 1 number /Line 2 number:**
  - **Retireve message**: If the number is empty, you must enter the requested mailbox number to listen to the receiver's leaving message.

- **Number settings**: Enter (or modify the existing) the voice mailbox number obtained from the network operator's.

- **Fax number**

The related operations are similar to "voice number". It is determined by the network operators, it is not supported in the domestic state currently but the foreign supports for this business!

- **Data number**

The related operations are similar to "voice number". It is determined by the network operators, it is not supported in the domestic state currently but the foreign supports for this business!

8.6.3 Cell broadcast

Web services allow you to receive text messages of various contents, such as news, weather and traffic information and so on. Contact your network operator for more information.

- **Read**: Read the broadcast messages received by phone.
- **Startup**: You can choose [Open] or [Close]. If you select [Close], then regardless of whether the channel has been set to the corresponding number, the phone can not receive any broadcast messages.
- **Channel:** You can select [Add Channel] or [channel list] to operate.
- **Language**: The phone provides you with multiple languages, with which you can choose to listen to the broadcast.

8.6.4 SMS settings

- **SIM1 / SIM2 msg counter**: When you send out text messages, you must set the service center number of network operator. You can also obtain the number from the network operators. Most of the SIM cards have already contain the service center number.

> Note:
> If you modify or delete the message center number, you might not send out text messages.

- **Message validity period**: You can set the validity period of SMS stored in the information center as 1 hour, 6 hours, 24 hours, 72 hours, a week or max.
- **Status report**: Select [Open] and then the information center will prompt you when you send out text messages successfully.
- **Save sent messages**: Set the state of Save sent messages as Prompt, Save or Not save.
- **Prior storage medium:** Choose the preferred place to store the MMS.

8.6.5 MMS settings

- **SIM1 / SIM2 MMS account:** Select the MMS account for SIM1 and SIM2.
- **Arrive report**: Open this function and then the network will send a message to inform you when the receiver has received and download the multimedia message you send; you can also choose [Close].

- **Read report**: Select [Open], then when the receiver read the multimedia message, the network will send the read report to you; you can choose [Close].
- **Anonymous**: Select [Open], the MMS can be sent to the designated receiver without displaying the sender number.
- **Pirority**: Set the priority level of MMS.
- **Receive MMS**: The phone provides you with [Manual receiver] and [Auto Receive]. If you select [Manual receiver], you need the download the MMS in inbox manually; if you open [Auto Receive], the received MMS will be downloaded automatically each time when the phone return to the standby state.
- **Play sound**: With opening about this function, the sound of the MMS can be played when you view it.
- **Adversting**: With opening, the phone can receive advertising while it is receiving MMS.
- **Message validity period:** You can set the validity period of the MMS as 12 days, 1 day, 1 week or maximum.

  Note: The maximum time is connected with the services supported by the network operator.
- **Storage location**: Choose the storing place for the pictures, music and video files in MMS.
- **Restore to default**: Restore the default settings of MMS.

8.6.6 Message memory

Using this feature can query the use status of SMS and the capacity usage of each MMS mailbox.

9. Tools

9.1 Alarm

In the standby state, press the middle button to access the main menu and select the [Tools → Alarm], you can set the name, time, tone and repeat mode for alarm.

The phone has three alarm clocks, which can be open simultaneously. Each alarm can be set as single reminder, daily reminder or weekly reminder.

9.2 Calendar

In the standby state, press the middle button to access the main menu, and then select the [Tools → calendar].

Get into the calendar interface, you can nacigaiton keys to view different solar calendar and the bottom of the screen displays the corresponding lunar calendar.

Enter [Option] to carry on the following operations:

- **New schedule**: Create a new calendar reminder, the default time is the date which the focus on in the calendar.
- **View schedule**: Check whether there be any calendar reminder in the date the focus is on.
- **All schedules:** See the all schedule remind records.
- **Clear today calendar**: Clear the reminder in which date the focus is on.

- **Clear all**: Clear the all schedule reminders.
- **Go to date:** Query the calendar information according to the inputting date.
- **By week / month**: Set display mode of the calendar.

9.3 Calculator

The calculator provides you with four basic functions, by which you can carry on simple operation for your convenience. Select the calculator, the calculator interface is showed:

Input data directly by pressing the keyboard

Press the "*" key for a decimal point (.); Press the "#" key to make the numbers switch between in the positive and negative.

Using the navigation keys to select the appropriate icon in the interface to carry on the operation of ＋, －, × and ÷.

Short press the right soft key can clear the last bit of input or result; long press the right soft key to clear all of the input or the result (when there is no input value, press the button to exit calculator).

Press the middle button to get the result.

Note:

This calculator has limited accuracy, with which the calculator will have round-off errors, especially when in addition to endless.

9.4 Recorder

In the standby state, press the middle button to access the main menu

and then select [Tools → Option →Recorder → Start to record] to starting recording, or use the middle button to select the icon in the interface to start recording. Select the icon to pause; select the icon or press the right soft key to select [Stop] to stop recording. After choosing to stop recording, the audio file will be saved automatically in the folder of "Audio" exited in memory card, you can choose the icon to view it in the [Option → Record file list].

After recording, press [option] to enter the following menus:

- **Audition:** Listen to selected recording file.
- **Record again:** Record the file again.
- **Delete:** Delete the selected recording file.
- **Send**: Send the selected recording file via MMS or Bluetooth.
- **Record file list**: Browse all the recorded audio files.

9.5 World time

Press Left/Right key to display the current world time; enter Options to set the current world time as local or daylight saving time.

9.6 STK

Get into the STK submenu and you can use the value-added services provided by the network operators.

The phone supports the STK function, but this service provided by the network operator. If the SIM card and the network operators do not support that kind of service, this feature will not be used. For more information, please contact your network operator.

10. Pastime

10.1 Picture Brower

This feature is convenient for users to browse photos and images stored in the phone quickly.

In the interface of "Picture browser", press the middle button to preview the selected image; press [Option] can operate the following functions:

- **Change folder**: Set the default image browsing path for "Image browser".
- **Send**: The selected picture can be sent out through MMS or Bluetooth.：
- **Slide play**: View the image in slide way with full-screen.
- **Delete**: Delete the selected picture.
- **Set as wallpaper**: Set the selected picture as wallpaper showed in the main interface.
- **Rename** Change the name of the
- **Mark:** Mark, Unmark, Mark all or Unmark all to the selected picture.
- **Detail:** See details about the selected picture.
- **Slide settings:** Change the slide show effects by setting "selection effect" and "slide delay".

10.2 EBook

The E-book reader supports browsering the TXT format files, you can copy files from PC to the [Ebook] folder in T-FLASH card. In the standby state, press the middle button to access the main menu and then select [Entertainment → E-book] to enter it.

In the interface of E-book list, press the middle button to read these E-books directly. In the e-book reading interface, press [Option] to access the appropriate Option:

- **Add bookmark**: You can add the contents in the current page of the e-books to bookmark for later reading. The bookmarks for each E-book are up to 50.
- **View bookmark**: View the contents of all the bookmarks which have been added.
- **Jump first page:** Jump to the first page to read directly.
- **Jump last page:** Jump to the last page to read directly.
- **Jump page**: Enter the page you need jump to, then then the E-book reader will jump to the confirmative page.
- **Ture on/off backlight**: Always choose to open or cancel the backlight function.

Description:

If the reader interface prompts the space is not enough when you browse the E-Book files, please delete the unwanted files to ensure that the phone has more than 500KB of free space.

In the e-book folders, select a document and press [Option] to access the appropriate Option:

- **Detail**: View the details of the selected E-book for date, time, size, location and other information.
- **Last read books**: Check the E-books which you have readed recently.
- **Send with BT**: Send the selected documents of E-book to others via Bluetooth.
- **Delete**: To delete the selected document of E-book.
- **Mark:**
  - ✧ **Mark**: When the selected file is not marked, this menu is effective. After choose this feature, it will make a mark to the current file.
  - ✧ **Cancel mark:** When the selected file is marked, this menu is effective. After choose this feature, it will cancel the mark to the current file.
  - ✧ **Mark all:** When there be at least one file is unmarked, this menu is effective. After choose this feature, it will make marks to all files**.**
  - ✧ **Mark all mark:** When there be at least one file is marked, this menu is effective. After choose this feature, it will cancel the marks to all files**.**
- **Settings:**
  - ✧ **Browse page mode**: You can select "Full page" or "Reserve last line".
  - ✧ **Color**: Change the "**Font color"** and the "**Backgroud color"**.

10.3 Boxman

Push all the boxes to the specified destination can cross the border. Use the up / down keys or the right / left keys to move the porters to free space; select the "Return" can exit out of the game interface.

11. File list

You can edit the folders in the U disk or in the memory card.

These files below are used as follows:

- **My music**: Store the audio files. It can store the recording files with the wav format; Mp3, midi, amr and aac can be stored, too.
- **Ebook**: Store the electronic documents. It can store up to 500 books and the maximum limit for each is 5M.
- **Photos**: Store the image files. The the image format which can be previewing includes jpg, gif, bmp and wbmp. You can check it through the "Photo Manager". The image of JPG format is up to 1.2M and the image of other formats is up to 100K.
- **Videos**: Store the video files.It may be used to store the avi files, mp4 files and 3gp files.
- **vCard**: Storage the card files with the vcf format. In the contacts, copy one contact to memory and then this record will be saved in this folder in the vcf format.

Note:

The five folders above are protected, they can only be read and read, and you can not delete or rename them.

In file list, press [Option] to get into the following menus:

- **New folder**: Create a new folder in the selected directory.
- **Delete**: Delete the selected file or folder.
- **Detail**: View the details of the folder or file.
- **Edit**: You can set the operations of "Rename" and "copy".
- **Search:** Search all the files in the memory card according to user-defined.
- **Sort:** Sort the files according to "name", "date", "size" or "type".
- **Mark**: Carry on these operations, such as Mark, Unmark, Mark all and Unmark all, to the selected file or folder.
- **Memory status**: Query the status of the memory and select “Format” to format the memory.

12. Settings

12.1 Call settings

12.1.1 Dual-SIM

➢ **Set dual sys call forward**

Use this function, please set the machine number at frist.

You can set the dual-card call transfer between each other, before using this feature, please select [Settings →Dual-SIM→ Dual SIM settings] and enter two SIM cards' number.

➢ **SIM enable select**

You can choose standby mode for SIM card. You can choose one of them: Only SIM1 enable, Only SIM2 enable or Dual SIM dual standby.

➢ **Main SIM settings**

It can be divided into the following categories:

■ Communication Class

For Call, SMS, MMS and Internet, you can select the SIM card type according to your need, you can also choose to give prompt selection when you use one function.

■ Prompt dial

After setting, the phone will use the SIM card you have set in advance to make the speed dial.

■ Original SIM reply

You can set to return the calls, SMS, MMS and using the internet by the current SIM card.

> Note:
> The priority of "Reply by original SIM" is higher than the "Dual SIM settings".

- **Set SIM name**

You can customize the name of the SIM slot.

- **Dual SIM settings wizard**

You can set the function of Dual SIM dual standby according to the prompt steps in accordance with the interface.

- **Help**

Provide correclative information of help.

12.1.2 Network settings

The phone offers [Auto Select] and [Manual select] for you.

- Auto select: the phone will search for and register the available networks automatically.
- Manul select: the phone will search for the web after selecting this menu and the networks which are found will b listed and the user can choose which network to register.

12.1.3 Divert calls

According to the conditions you have set for transfer, the incoming calls will be transferred to voice mail or the appointed number in the appropriate conditions.

- **Unconditional:** After open this function, any call to you will be transfered to voice mail or the appointed number under any condition.
- **If busy:** After open this function, any call to you will be transfered to voice mail or the appointed number when your cellphone is busy with other functions.
- **If no answer:** After open this function, any call to you that isn't replied directly will be transferd to voice mail or the appointed number.
- **If unreachable:** After open this function, any call that cannot reach you directly will be transferrd to voice mail or the appointed number.

You can choose Activated, Off or Query status for each of these. Select [Query status] to view the current state of the corresponding transfer services.

- **Cancel all diverts:** Cancel all the call transfers.

12.1.4 Restrict calls

This feature allows you to restrict the phone call or answer an incoming call.

Select the desired limit entry, access "Confirm”, then you can carry on the operations of Activated, Off or Query status. Select [Open], then the phone

will ask the network to deal with current settings. The call barring Option provided for you are as follows:

Option	Description
All outgoing calls	Limit all outgoing calls to any phone.
All incoming calls	All calls are limited to dial this phone.
Incoming when roaming	Roaming calls can be not answered when roaming.
All intl outgoing	International outgoing calls are prohibited.
Outgoing intl roaming	The international roaming call is limite when you are in international roaming.
Cancel all barring	Cancel all call barring.
Change password	Modify password of the call barring.

Note:

Some network operators restrict the use about this function, please contact the network operator to consultate. When you apply for this service, your network operators will provide you with the initial network password.

12.1.5 Call waiting

- Activated: After activating it successfully, a new call coming in when you are answering one call, the network will notify you of the new call. You can maintain a current phone to answer another call.
- Off: Close call waiting service.A new call coming in when you are answering one call, you will not be able to receive the call.
- Check status: To view the current status of call waiting service.

12.1.6 Hide ID (Requires the network to support)

- **Hide ID:** The receiver hide your phone number when you make a call.
- **Display ID:** The receiver will show your number when you are dialing.
- **Display ID by network:** The network will decide whether the receiver can show your phone number while you are dailing.

12.1.7 Line selection

You can choose Line 1 or Line 2.

- Line 1: You can answer or make calls.
- Line 2: Select this option, whether you can make a call is depended on the network operator.

12.1.8 Fly mode

- Activate: Start the flight mode immediately. The phone will turn off all the network services. When you are riding a plane, you'd better open this mode.
- **Selcet when power on:** When turn on your phone, the prompt whether to open the flight mode is gived.

12.1.9 Others

- **IP number**

Activate the feature, choose to [IP call] when you dialing up, or enter the number in the standby state, then press the middle ke y, with which can add the IP number before the dialing phone number automatically.

- **50 secs warning**

If you open it, the mobile phone will give "beep" sound to prompt after the first 50 seconds of every minute, by whitch you can end the call in time to save cost.

- Connect prompt

Open it and then the phone will have the vibration prompt after the receiver answer the phone when you are dialing.

- **Magic voice**

  Activate or deactivate this function. When you open it, you need set the magic voice effect when you make a call or answer a call every time.

- Any key / Reject mode
  - SMS reply after reject: Choose whether reply SMS when you refuse one call.
  - Any key answer: Press any key on the keyboard to answer the call except the Hung_Up key and the Right soft key.

- Auto redial

Open it and then the phone will redial the number automatically when you make a failed call.

12.2 Phone

12.2.1 Time and date

You can also set the time format and date format.

- **Set time**：Press the up/down keys and the left/right keys to set the current time.
- **Set date**：Press the up/down keys and the left/right keys to set the current date.
- **Time display type**：Set the time format as 12 hour or 24 hour.
- **Date display type**：Set the date format as "year-mouth-day", "month - day - year" or "day - month - year.".

12.2.2 Language

There are two languages you can choose: English and Chinese.

12.2.3 Input modes

Chinese fuzzy sound settings: You can make 10 kinds of Chinese Fuzzy audio settings. The choosing method is multiple choices, with which you can open several fuzzy sound.

12.2.4 Set shortcut

With this setting you can change the shortcut functions corresponding to the left / right soft key and the shortcut icon on the main interface in standby

mode.

12.2.5 Auto power on / off

You can set the phone power on / off automaticly. The setting method is the same as alarm.

12.2.6 Power management

Show the power of the battery.

12.2.7 Restore factory settings

Reset the parameter value of the mobile phone, with which can make your phone reset to default settings. Please enter the privacy password (the initial password is 1234) to restore factory settings.

12.3 2D setting

The phone has the feature of 2D sensor, with which you can achieve the switching function to change music, wallpaper or picture.

12.4 Display

12.4.1 Wallpaper settings

Choose picture to be used as wallpaper for your phone.

12.4.2 Standby style

Choose the style of your standby interface. The phone offers two default styles: the basic style and smart style.

12.4.3 Set idle display

Select the projects displayed in the standby state, including the time and date, operators, agenda and individual words. You can edit the individual words.

12.4.4 Contrast

Set the brightness of the screen backlight.

12.4.5 Backlight

Select the time for screen backlight, including "always open", "30 seconds", "20 seconds", "15 seconds", "10 seconds" and "5 seconds".

12.4.6 Keypad light

Select time for button backlight, including "20 seconds", "10 seconds", "5 seconds", and "night mode" and "off".

12.4.7 Animation effect

Set the animation effect for powering on or powering off.

12.5 Security

You can use the PIN code, PIN2 code, set the password of powering on and set the security feature to protect the security for information.

12.5.1 PIN

PIN code (PIN1) is the personal identify number for SIM card. If the user does not change the original password, the password supplied by the operator is 1234 or 0000. If you activate the PIN code for powering on, then 4-digit PIN code is necessary to enter after each start. The PIN code can be amended, which used to protect your SIM card is not used by others. Please note that if the PIN code input wrong for three times continuously, the phone card will lock automatically and prompts you to enter PUK code to unlock it, at which time you are close to the brink of danger. Therefore, if you modify the PIN code by yourself, make sure remember it in mind.

PUK code (PUK1) is ordered by the 8-bit numbers and the user can not change it. When the PIN code is locked and when the phone prompt you to enter the PUK code, do not act rashly, because the opportunities for 0inputting the PUK code is only 10 times and it you enter the wrong words

for 10 times continuously, the SIM card will be locked permanently, that means it is scrapped. The PUK code for some the SIM card is incidental with the SIM card, such as China Mobile's Shenzhouxing, etc, while the others need the network operators to obtain the PIN code. If your PUK code is locked and you do not know it, do not random input. The correct way is to call the hotline operators the SIM card belongs to. After verifying the simple user data, you can obtain the PUK code to unlock the phone. This service is free of charge.

Warning:

Please use this feature with caution and if you forget the PUK password, please contact the network operator. If 10 consecutive PUK code be inputted in error, the SIM card will be scrapped.

After selecting the SIM card type you want to set, you can carry on the operations as follows:

- ✧ Open: Activate it and then you need to enter the PIN code each time you open phone.
- ✧ Review: You must open the PIN code before you change the PIN code.
- ✧ Close: Close the PIN code must″ enter the correct PIN code.

12.5.2 PIN2

PIN2 code (PersonalIdentificationNumber2) is entered when you enter a particular function (such as setting a fixed number, set the call billing, etc.).

PIN2 code is entered when a particular feature is used, such as the elimination for call cost information, set the unit for currency, to achieve cost limit function, limit to dial and so on. The PIN2 code provided by the supplier as another SIM card password, please contact your network provider to access PIN2 code.

When entered the wrong PIN2 code for 3 times continuously, the phone card will be locked, then you must enter the correct code to unlock PUK2.

Warning:

Please use this feature with caution, if 10 consecutive PUK2 code input is error, SIM card will be scrapped.

12.5.3 Privacy protect

This function can protect your phone's specific features to prevent unauthorized viewing by others. When activate password protection feature for call records, messages, camera, Contacts, document management, e-book, calendar, U disk, etc, you need enter the correct password after entry the corresponding main menu or submenus. The default password is "1234", you can also modify the password.

12.5.4 Auto key

You can select 5 seconds, 15 seconds, 30 seconds, 1 minute or 5 minutes to open the automatic keylock function; you can also select [Close] to close this function. When this feature is turned on, the automatic keyboard lock feature is started to prevent misuse.

- The operation of locking the keyboard manually is: In the standby state, press the Left soft key and then press the * key.
- The operation of unlocking the keyboard manually is: In the interface of keyboard has been locked, press the Left soft key and then press the * key.

12.5.5 Red key locks keypad

You can choose to enable or disable this feature. Open this feature, you can just press the Hung_Up key to turn off the backlight and lock the keyboard automatically when the phone screen is bright.

12.5.6 Power-on PWD

This function need set a password (the password length is 4-8) when you use it for the first time. When you start the feature, each time requires a password when you open you phone. You can also change the boot

password or turn off this function.

Description:

There is no limit for the number of inputting the power-on password. Please remember this password in your heart, or if you forget it, it will not be turned on successfully for the next time.

12.5.7 Theft proof

Theft proof feature (MSD) is also known as mobile dog. Its main function is to collect the current CELL ID (mean: cell ID) and other information sent to the pre-specified phone at the time when the phone is used illegally. To a certain time or after certain times of making the phone power on, this function will prevent others from re-booting to use this phone.

The theft proof function is off by default, and you need change your password before activating it. After activating it, you need enter a password to carry on the operations for startupping, shutdowning or changing your password. The password has the six bits. In addition to a password, a pre-designated phone number is also required to enter (cell phone stolen, the mobile phone number to receive notification messages) to open this function.

When you activate this function, the mobile phone will store the SIM card's IMSI number. As this number is only, when another SIM card is

inserted, there will be a prompt box appeared to ask you to input the theft proof password if the phone is powering on. If you enter the wrong password for three times, or to opt out of interface, the phone will take it as illegal use, and gives an prompt of illegal use, and then the phone will read the CELL ID, LAC (means: location area code, used to identify the different location of areas), MCC (means: Country Code for Mobile. "460" is the MCC of China), MNC, MCN and other information, to send text messages to pre-designated phone number. Legitimate users can get this message to report to the public security organs, with which can be used to check the illegal use of the phone (including the location of the region when the mobile phone is used, communication records, etc.).

If sending fails or is on at this time, the sending text messages will be sent the next minute, until send them successfully. Over 24 hours in the standby state or reboot the phone, the phone will send a text message to your pre-specified mobile phone number again. Send text messages successfully to a certain number of times (15 times), any use of an illegal SIM card can not use the machine, the phone will shut down automatically.

Note:

If your phone is stolen, please report to the public security organs, but it can not ensure that the phone must be able to recover, so please keep your personal belongings carefully.

If the phone takes this SIM card as illegal card and you want to open the anti-theft function, the phone will prompt you have no right to use, it means you can not use the security features of the corresponding menu under Theft proof. If the phone is switched on using another card and the password is entered correctly, the the message count for sending will start counting from 0 and the phone will prompt whether binding. Select binding, the phone will update and use this SIM's IMSI number information, then this card is treated as the specified card of the phone.

- Activate: To enable this feature, you must first set a password, if the password is not set, the phone prompts that "Please change your password". You can get into the [Change Password] menu to set the security password and then open this function. The security password and notification phone number are requested to enter (to receive the illegal use of the mobile phone SIM card to send on this illegal SIM card information) to open it.After these steps, anti-theft feature is activated.
- Deactivate: Turn off anti-theft feature. You must first enter the security code to close it.
- Modify PWD: Modify the security password.

Warning:
Please use this carefully. If you forgot your password, you can not use the phone.

12.6 Profiles

Through this menu, you can set different profiles to suit different

environments. The phone has 5 profiles: Standard, Silent, Vibrate, Low ring and High ring and vibrate mode. Each model has the default value, and you can set up according to your need.

Press the left soft key to select "Option", the menus is as follows:

- **Activate:** Start the selected profile.
- **Settings:** You can set all kinds of effects to your own need.
  - **Ring set**: You can set the ring tone about incoming calls and messages.
  - **Ajust volume**: You can set the volume of ringtone about incoming call, new message, communicate, alarm and power on/off. Please press the left / right key or the up / down key to adjust the volume.
  - **Call alert:** Set the alert mode for incoming calls.
  - **Message alert**: Set the alert mode for new messages.
  - **Alarm remind**: Set the alert mode for alarm reminding.
  - **Keypad tones**: Set the sound effect of key tone as silent, ring 1 or ring 2.
  - **Battery low alert**: You can set whether to open the low voltage warning tone.
  - **Power on / off tone:** You can open or close the ringtone when the phone is switched on / off.
- **Rename:** Modify the name of the profiles.
- **Enhance ring: Open or close the function fo enhancing sound.**

12.7 Link

12.7.1 Bluetooth

- **Open /Close bluetooth**: You can open or close your bluetooth device.
- **Bluetooth visibility:** Set to show or hide the Bluetooth device of your phone. When set to hide it, the external phone can not search for your Bluetooth device even you Bluetooth have been turned on.
- **Paired device**: Search for nearby Bluetooth devices which have enabled.
- **Set shared files**
  - **Directory sharing authority:** It can be set to “Full control” or “Read only”.
  - **Sharing directory:** Select the "memery card only" to share the memory card to another person; select "Select Directory" to share the custom directory to others.
- **My Bluetooth name: The** display name of your Bluetooth when other people’s devices have found your device after your Bluetooth is turned on.
- **Bluetooth file location**: Select "Only memory card" to store the received files via Bluetooth to the memory card.
- **Help:** Provides help information related to Bluetooth.

12.7.2 Network accout

You can choose the network account according by yourself. China Mobile GPRS, China Mobile MMS and China Unicom WAP are the three default account in your phone and you can not delete or edit these three accounts. You can also add your own network accounts.

In the interface of Internet, press [Options] can carry on the following operations:

- **Build a new link setting:** Create new accouts through this menu.
  - **Security connect setting:** Open or close the function of security by yourself.
  - **User name**: Free to edit the user name for network.
  - **Password**: Set the connection password.
  - **APN:** Set the name of network access point.
  - **Gateway IP address**: Set the address of the network IP.
  - **Port:** Set the network port.
  - **Rename:** Free to edit the account name.
  - **Set homepage:** Set the homepage address.
  - **Advanced settings**: You can set the DNS address and the network type.
- **Add a new link setting list** You can choose to add the default Internet accounts more than one.
- **Search**: Search for the registered network configuration in the nearby area, and they can be used directly after searching.

- **Delete a setting list:** Delete the selected Internet account.
- **Edit:** Edit the selected Internet account.

12.8 Torch

Open or close the torch; view the help imformation.

Long press OK key in standby state to open or close the torch.

13. Additional features

13.1 The function of U disk

Follow these steps to use the U disk:

- Before use, make sure the system of your computer is Windows2000 or WindowsXP.
- Connect the computer with your phone by USB data cable provided with the phone properly.
- After the phone is connected with the computer, select [U Disk] in the phone. When the computer identifies the U disk successfully, the status bar will appear a small green icon of the USB device in the lower right corner of the phone.
- Open "My Computer"and you can see the "Removable Disk", then the operation to U disk can be carried out.
- The multimedia files, which you browse through the mobile phone, must be stored in the specified directory to identify, or it will be not read or play through the phone if they are stored on the other directory. For example the image files only in the "Photos" directory can be readed through the phone.

Note:

1. When the the phone is used in the state of U disk, you can see some default application files, and once you remove them, the default files will be lost permanently.

2. After using the U disk, at first remove the U disk from the computer equipment and get the notice from system, and then you can pull U disk safely, otherwise it will make data loss easily, even lead to the damage of U disk file system.

3. To support USB1.1.

14. Phone maintenance

Mobile phone is an electronic product with high-precision, please maintain it carefully. The following suggestions can help you to maintain phoneand extend the lifespan of it:

- The phone and its accessories should be placed out of the reach of children.
- Keep the device dry. Rain, humidity or moisture will corrode the circuit board. If the phone is flooded accidentally, you should remove the battery promptly and sent it to the local authorized service center for processing immediately.
- Do not place your phone in places which are full of dust, or it may affect the normal use of your phone.
- LCD display is the part of phone which can be damaged easily, so you should avoid dropping the mobile phone onto the ground or making the phone vibrating strongly; prohibit using sharp objects to touch the screen.
- Do not place the phone where¬ the temperature is too high. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt plastic shell phone.
- Do not place the phone where the temperature is too low. Otherwise, when the temperature of the phone raise to normal temperature, moisture will be generated internally and it could damage the device of electronic circuit boards.

- Do not drop, knock or shake the phone severely, so as not to damage the internal circuit boards and precision mobile structure.
- Do not use chemicals, cleaning solvents or strong detergents to clean the device. You need use the soft cloth soaked in soapy water to scrub it gently.
- Do not use the pigment to paint your phone.It can avoid the moving parts be stuck, with which can affect the proper operation of your phone.
- Please use clean soft cloth to clean the lens, such as camera lens.
- Only the supplied or designated antenna can be used to replace the old antenna. The use of unauthorized antennas, phone accessories or modification could damage the device and may violate correlative regulations about radio devices.

15. Eliminate the Simple Trouble

In the course of using the phone, please consult the following table to guide the troubleshooting if the unusual circumstances happen; if the trouble still unresolved, please connect with the designated service center.

15.1 Phone can not switch on

Possible reasons	Solution
The time of holding down the Hung_Up key is short.	Press the Hung_Up key more than three seconds.
The eletricity of the battery runs out.	Please charge it.
The installation of battery is incorrect.	Please installe the battery correctly.
Illegal use leads the phone can not turn on.	Please enter the correct password.

15.2 Phone be shut down automatically

Possible reasons	Solution
Whether the function of Schedule power on/off is enabled.	If you do not need the function of Schedule power on/off, please cancel it.
The eletricity of the battery runs out.	Please charge it.

The battery loose.	Please install the battery correctly following the battery installation method in the instructions.
Illegal use leads the phone can not turn on.	Please enter the correct password.

15.3 PIN/PUK Lock

Possible reasons	Solution
PIN (Personal Identification Number) / PUK code (unlock PIN) entered incorrectly.	Please enter the correct password

Note:

1. If you enter the wrong PIN code 3 times continuously, the SIM card and phone's many features will be locked.
2. Can not guarantee the correct PIN and PUK code, please contact the operator or retailer.

15.4 Poor quality for calling

Possible reasons	Solution
The current signal strength is saltating.	You may be in high-speed moving state (by train or car, etc.). You can check the signal strength and select the place with high signal strength to ensure call quality.
In the reception with poor signal.	Please go to the open space area.

15.5 Can not receive calls

Possible reasons	Solution
Open the function of Call divert.	Please cancel this function according to your need.
Open the function of Call barring.	Please cancel this function according to your need.

15.6 Can not make calls

Possible reasons	Solution
The phone is turned off.	Please turn on it.
Not in the network service area.	Please make sure the network is in normal service state.
Not insert the appropriate SIM card properly.	Please make sure your SIM card can work properly.
Open the function of Call barring.	Please cancel this function according to your need.
Lock the keyboard automatically.	Please press the left soft key and the # key to unlock the keypad.

15.7 Call volume is small

Possible reasons	Solution
The call volume is set too low.	Please adjust call volume loud.

15.8 The opposing party can not hear your voice

Possible reasons	Solution
The microphone is too far away from the sound source.	Please make the microphone near your mouth.

15.9 Phone does not ring with incoming call

Possible reasons	Solution
Incoming call alert is set to mute.	Please reset the prompt for ring.
Ring volume is set too low.	Increase the volume tip.
Open the function of Call barring.	Please cancel this function according to your need.

15.10 Battery can not charge

Possible reasons	Solution
Battery runs out and be placed too long.	Please charge it in time after the prompt of low power is showed.
The connection between the battery and the phone is bad.	Please ensure that the battery is installed properly.
Poor connection between the charger and the phone.	Please connect the charger with the interface of your phone, and then the charging icon appears in the screen of the phone.
Battery or charger is damaged.	Please connect whit our designated contact point for warranty.
Ambient temperature is too low or too high.	Please ensure that the device is charging in normal temperature.

15.11 Reveal no network

Possible reasons	Solution
SIM card is not installed properly.	Please install the SIM card properly according to the installation method in instructions.
SIM card and the contact of phone have impurity.	Please ensure that they are clean.
SIM card is invalid.	Please check whether the SIM card is expired.
Network environment is in the weak field area.	Please go to the place where the network signal for phone is strong.

15.12 Phone can not detect memory

Possible reasons	Solution
Insert the memory card incorrectly.	Please insert the memery card in right way according to the instructions.
Memory card is damaged.	Please replace the memory card.

15.13 Storage space is not enough

Possible reasons	Solution
The MMS takes up too much storage space.	Please delete some MMS you do not need to free space.
The history record in browser takes up too much storage space.	Please select [Communications → browser → WAP→ Browser settings → Clear cache] to free up space.

15.14 The Option for PC Camera can not be achieved

Possible reasons	Solution
The "PC Camera" menu does not appear in the phone after the phone connected to the computer.	1. Make sure the USB Interface is intact in the computer. 2. Make sure you are using the connection cable provided by the retailers correctly.

16. Safety Information

16.1 The environment for using

In order to ensure your rational use about the phone and avoid the impact on you and the environment, please remember to comply with the rules and regulations when you use the phone anywhere.

Please turn off your cell phone and comply with all safety signs and instructions in any place where may lead to explosion, such as gas stations, fuel depots, chemical plants or other place with blasting operations. It may cause explosion and personal injury if you disobey the relevant requirements.

The use of phone on airplanes would interfere with the operations of aircraft flight and bring dangerous. Therefore, please ensure to turn off your phone before boarding, and make sure the phone is in the state of turning off or in the Flight mode throughout the flight (this phone has the function of Schedule power on/off, so please make sure you have turn off this feature in the entire flight process).

When driving, please place the phone on the special bracket but not put it in the seat, or in the place where the phone can slide with slam or the brake of the car. In order to ensure safe driving and avoid traffic accidents, please do not use the phone during driving. If you must use the phone, make sure stop the car first and then use the phone.

To avoid the explosion due to the temperature increase of the phone battery, please make the phone far away from high temperature.

16.2 Medical equipment

Please turn off your phone when you close to the electronic medical equipment, with the express provision for the shutdown of phone (such as pacemakers, hearing aids and other medical equipment). Most medical equipment can shield the RF signals of phones, but there are some electronic devices do not have this feature. If you doubt or can not ensure whether the medical equipments can shield the RF signals, please consult your doctor or the medical equipment manufacturers.

16.2.1 Pacemaker

Pacemaker manufacturers recommend that maintain the distance between your phone and the pacemaker at least about 6 inches (15.3cm), so as not to interfere the pacemakers with phones.

To persons wearing pacemakers:

When your phone is switched on, please ensure that maintain the distance between the phone and the pacemaker at least 6 inches (or 15.3cm).

Do not place your phone in a breast pocket.

Please use the ear which is not in the same side with the pacemaker.

Note:

If you suspect the interference is exiting, please switch off your phone immediately and ask the medical staff timely.

16.2.2 Hearing aids

Phones may cause some interference to hearing aids, so please contact the manufacturer immediately if the interference is exited.

16.2.3 Emergency Call

As the phone use the radio signals, terrestrial communication networks and personal setting function like other mobile phones, it can not guarantee that your phone connections can succeed in all conditions, please do not just rely on mobile phones to achieve important communications (such as medical first aid and other matters).

Emergency call

If your phone is turned off, please turn on it and check the network signal is strong enough.

- Enter the local emergency number correctly (such as 120 whith is the emergency center). Different regions have different emergency numbers.
- Press the Dial key to call.

Note:

When make an emergency call, please provide all the important information as accurately as possible. The phone may be the only tool for communication at this point, so please do not end the call without permission.

16.3 Accessing password

The password protection for mobile phone and SIM cards are available to prevent they are used illegally.

16.3.1 Password of power-on

With this function, you can prevent the phone be used by others without your consent. The original password is set when you use this feature for the first time. Please change the password of power-on as soon as possible after you use the phone and make sure it is confidential.

16.3.2 PIN

It is the personal identification code, which is the password to protect the SIM card and can prevent SIM cards be used by others without your consent. SIM card and PIN code are usually along with providing. After enabling the password of power-on, you need to enter the password to use

the phone normally .

Note:

If you input false PIN code for 3 times continuously, SIM card will be locked.You must input PUK code to unlock it (If you do not have the PUK code, please contact your network or retail operator to get the PUK code. Please do not input any other invalid content.)

16.3.3 PIN2

PIN2 is the password which used to realize the special features of the SIM card. If the network operator provides this number for you, you are required to input it to enter some features (such as unit, using the fixed dialing, etc.). Usually the PIK2 code supplied with the SIM card. If you input false PIN2 code for 3 times continuously, PIN2 are locked and then the PUK2 code is required to unlock it.

16.3.4 PUK

Unlock the PIN2 code. Usually the PUK2 code is supplied with the SIM card, the PUK2 code can change the locked PIN2 code. If you input false PUK2 code for ten times continuously, you will not be able to use this SIM card, please apply for a new card to your network operator. PUK2 code cannot be changed, so if you lost it, please contact your service provider.

16.4 Precautions for Battery Charging

The mobile phone uses the ithium-ion battery to provide energy, many tings can affect the time of standby and call time, such as the system environment, phone setup and so on.

Please use the standard battery and charger supplied by our company. Damage can be caused if you use the battery or charger which is not approved by our company and our company wil not responsible for the consequences.

The power bar in the battery icon on the phone screen starts scrolling if the phone is powered on.

NOTE:

1. If the battery is completely discharged, the battery icon should appear after 2 to 3 minutes after charging. Generally, the time for charging is 2 to 5 hours, based on the current state of the phone (if it is switched on or used to call, etc.) is different.

2. To make sure the new battery can get to the prime performance, please finish the period of charging and discharging the battery for two to three times. When you charge for new battery , please charge more than 10 hours continuous for the frist few times.

When mobile phone is in charging, please do not use the wet hand to contact the battery or charger to avoid dangerous. When your phone is charging, you'd better not use it. After the charging is finished, the battery icon will stop scrolling, and you can disconnect the phone from the interface of the charger adapter.

16.5 Cautions for using battery

The use circumstance of battery is decided by the network, phone settings and the use circumstance of the phone, for example, the capacity of 1200 mAh lithium-ion battery can support calling for 6-8 hours can used about 150-240 hours if the phone is in the standby state.

Please do not use any damaged batteries to charge.

When you use cell phone near the base station of cellular network, the consumption of battery is small. So the signal strength of cellular network and the parameters set by the network operator affect the call time and the standby time largely.

The charging time depends on the remaining capacity and the type of battery, and the model of charger. When the battery life shortted obviously, we recommend that you replace the battery to ensure the performance of your phone.

Please use the batteries and charger provided by our company, otherwise it may cause exploding. Please cut off the power when you do not use charger. Do not charge the battery with the charger more than one week, or it will reduce the

lifetime of the battery when you charge excessivly.

Don't reverse the polatity of the battery between anode and cathode.

Do not put the mobile phone at places with high or low temperature; otherwise it may reduce the capacity and the lifetime of the battery. Please use the battery under room temperature as much as possible.

Do not make the battery in short circuit, otherwise it will damage the battery core or the internal protection circuit of the battery. When you put battery in the pocket or bag, the metal items (such as coins, pin or pen, etc.) may make the battery be in short circuit, so please place battery separately and properly.

Do not burn battery or dispose it as ordinary garbage. Please abide the local environmental policy to avoid the risk of life and the damage to the environment. You should process and recycle the battery in time.

If the water run into the phone, the battery or other charging device, do not put it in any heating equipment (such as a dryer, microwave etc.) for drying. Cell phone or other products may cause fault, even it will cause fire, expand or explode to the cell phone, the battery or other charging device.

Please follow the relevant instructions to dispose of the useless batteries.

To any direct or indirect damage caused by the error actions which are described above, our company does not assume any responsibility.

16.6 Caution of Using Accessories

Please put all accessories (such as the SIM card, memory card, battery, etc.) out of children's reach to avoid children getting hurt.

Before you remove the battery, please make sure turn off the phone and disconnect the connection between the phone and charger.

Because the accessories of mobile phone are not waterproof, please keep all the accessories drying.

When you cut off the power of any accessories, you should pull the plug properly and don”t pull the power cord.

If the phone, the battery or the charger does not run properly, please contact the nearest maintenance department with qualified for maintenance.

16.7 Other security imformations

When the phone is not in use, we recommend that you turn off the phone and remove the battery, to conserve energy and eliminate cell phone radiation.

When using the phone, please do not adjust the volume too large to avoid hearing damage.

Non-professionals can not dismantle the mobile phone terminals and battery.

We recommend that you try not to use the holster with magnet button to avoid the interfere which is brought from the magnets to the switch signal of the phone and the LCD screen button may be crushed; the phone case of

plastic material will lead poor volatilization of the water vapor, with which can corrupt the inside components of the phone and lead to the oxidation and fade of the shell.