

User Guide

Table of Contents

1	SAFETY AND GENERAL INFORMATION	1
1.1	BRIEF INTRODUCTION	1
1.2	IMPORTANT SAFETY PRECAUTIONS	1
1.2.1	General Precautions	1
1.2.2	Phone Precautions	1
1.2.3	Battery Safety Precautions	2
1.2.4	Disposing of Used Battery	2
1.2.5	Charger Precautions	3
1.2.6	Clean and Maintenance	3
1.3	TERMINOLOGY EXPLANATION	3
2	SPECIFICATION	4
2.1	SPECIFICATION	4
2.2	TECHNICAL PERFORMANCE	4
3	PHONE APPEARANCE AND KEYS	5
3.1	PHYSICAL IMPRESSION	5
3.2	KEYS SPECIFICATION	5
3.3	ICONS	6
3.4	IDLE SCREEN SHORTCUTS	7
4	MENU FUNCTION	7
5	USER GUIDE	9
5.1	INSTALLING/ REMOVING THE BATTERY	9
5.2	CHARGING THE BATTERY	9
5.3	INSERTING/REMOVING THE SIM CARD	9
5.4	T-FLASH CARD USE	10
5.4.1	Installing/Removing T-Flash card	10
5.4.2	T-Flash card use	10
5.5	POWER ON OR OFF	10
6	CALL FUNCTIONS	11
6.1	MAKING A CALL	11
6.2	ANSWERING A CALL	11
6.3	H-FREE/H-HELD	11
6.4	CALL WAITING	11
6.5	CALL OPTIONS	12
6.5.1	During a call	12
6.5.2	Making a Multiparty Call	12
7	FILE MANAGER	13
7.1	PHONE	13
7.2	MEMORY CARD	13
8	PHONEBOOK	13
8.1	ADD NEW CONTACT	14
8.2	VIEW	14
8.3	SEND TEXT MESSAGE	14
8.4	SEND MULTIMEDIA MESSAGE	14
8.5	CALL	14
8.6	IP DIAL	14
8.7	EDIT	14
8.8	DELETE	14
8.9	COPY	14
8.10	MOVE	14
8.11	SEND CONTACT	15
8.12	ADD TO BLACKLIST	15
8.13	CALLER GROUPS	15

8.14	PHONEBOOK SETTINGS	15
9	FUN & GAMES	15
10	CALL CENTER	15
10.1	CALL HISTORY	15
10.1.1	SIM1 call history	15
10.1.2	SIM2 call history	16
10.2	CALL SETTINGS	16
10.2.1	SIM1 call settings	16
10.2.2	SIM2 call settings	17
10.2.3	Magical Voice	17
10.2.4	Advance settings	17
11	MESSAGING	18
11.1	WRITE MESSAGE	18
11.2	INBOX	18
11.3	DRAFTS	19
11.4	OUTBOX	19
11.5	MMS	19
11.5.1	Write message	19
11.5.2	Inbox	20
11.5.3	Outbox	20
11.5.4	Drafts	20
11.5.5	Templates	20
11.5.6	MMS settings	20
11.6	BROADCAST MESSAGE	21
11.7	TEMPLATES	21
11.8	SMS SETTINGS	21
12	MULTIMEDIA	21
12.1	CAMERA	21
12.2	IMAGE VIEWER	22
12.3	VIDEO RECORDER	22
12.4	VIDEO PLAYER	22
12.5	AUDIO PLAYER	23
12.6	SOUND RECORDER	23
12.7	FM RADIO	23
12.8	SCHEDULE FM RECORD	24
12.9	SLIDE SHOW	24
13	ORGANIZER	24
13.1	CALENDAR	24
13.2	TASKS	24
13.3	ALARM	25
13.4	WORLD CLOCK	25
13.5	LED FLASHLIGHT	25
13.6	BLUETOOTH	25
14	SETTINGS	25
14.1	DUAL SIM SWITCH	26
14.2	DUAL SIM SETTINGS	26
14.3	PEN CALIBRATION	26
14.4	PHONE SETTINGS	26
14.4.1	Time and date	26
14.4.2	Schedule power on/off	26
14.4.3	Language	26
14.4.4	Preferred input method	26
14.4.5	Display	26
14.4.6	Greeting text	27
14.4.7	Dedicated key	27
14.4.8	Auto update of date and time	27
14.4.9	Handwriting	27
14.4.10	UART settings	27
14.4.11	Motion sensor settings	27
14.4.12	Misc. settings	27

14.5	NETWORK SETTINGS.....	27
14.6	SECURITY SETTINGS.....	27
14.6.1	SIM1 security settings.....	27
14.6.2	SIM2 security settings.....	28
14.6.3	Phone lock.....	28
14.6.4	Auto keypad lock.....	28
14.6.5	Change password.....	28
14.7	CONNECTIVITY.....	28
14.7.1	Data account.....	28
14.8	RESTORE FACTORY SETTINGS.....	28
14.9	SOUND EFFECTS.....	29
1 5	USER PROFILES.....	29
15.1	GENERAL.....	29
15.2	MEETING.....	29
15.3	OUTDOOR.....	29
15.4	INDOOR.....	29
15.5	HEADSET.....	29
15.6	BLUETOOTH.....	29
1 6	EXTRA.....	29
16.1	CALCULATOR.....	29
16.2	UNIT CONVERTER.....	30
16.3	CURRENCY CONVERTER.....	30
16.4	HEALTH.....	30
16.5	STOPWATCH.....	30
16.6	EBOOK READER.....	30
1 7	SERVICES.....	31
17.1.1	STK.....	31
17.1.2	Internet services.....	31
1 8	SHORTCUTS.....	32
1 9	TEXT INPUT SETTINGS.....	32
19.1	KEY FUNCTIONS FOR INPUT MODE.....	32
19.2	MULTITAP ABC MODE.....	32
19.3	HANDWRITING INPUT MODE.....	32
19.3.1	Use Suggestion.....	32
19.3.2	Input Character.....	32
19.3.3	Handwriting input order.....	32
2 0	GUIDELINES FOR SAFE AND EFFICIENT USE.....	33
20.1	CARE AND MAINTENANCE.....	33
20.2	BATTERY MAINTENANCE.....	34
2 1	TROUBLESHOOTING.....	34

1 Safety and General Information

1.1 Brief Introduction

This part will be edited by the client.

1.2 Important Safety Precautions

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

1.2.1 General Precautions

1) Mobile Phone

- ✧ Please use the phone at a temperature of -10°C~55°C and a relative humidity of 35%~85%.
- ✧ Avoid using the phone near regular telephone, television, radio and automatic office equipment, as they may interfere with one another.
- ✧ Please keep the removable SIM card out of the reach of children as there is a risk they could swallow it.

2) Battery

- ✧ Please put the battery in a cool and well-ventilated place out of direct sunlight.
- ✧ Batteries have life cycles. If the time that the battery powers equipment becomes much shorter than usual, the battery life is at an end. Replace the battery with a new battery of the same.
- ✧ Do not discard battery with household trash. Please dispose of used battery according to your local environmental laws and guidelines.

3) Charger

Do not charge the phone in the below environment:

- ✧ Under direct sunlight;
- ✧ Temperature out of range: -10°C to 45°C;
- ✧ Humid, dusty or severely shaking environment (could cause a malfunction);
- ✧ Near appliances such as television, radio (could affect the image, audio effect).

1.2.2 Phone Precautions

- 1) Switch off your phone in aircraft, hospital and any facility where posted notices instruct you to do so. Wireless phone can cause interference to electronic instruments and medical equipment, when using your phone in such kind of area, meet any special regulations in force. Your phone features automatically power on function, check your power settings and make sure your mobile phone will not automatically switch on when on board an aircraft. Turn off your phone whenever on board an aircraft, so as not to interfere with electronic system and result in aircraft accidents.
- 2) To avoid electromagnetic interference and/or compatibility conflicts, turn off your mobile phone in any facility where posted notices instruct you to do so. Hospitals or health care facilities may be using equipment that is sensitive to external RF energy. Especially when near the below devices: hearing aid, pacemaker and other medical devices, fire detector, automatic door and other automatic control devices. In the event of mobile phone interfering with pacemaker and other medical electronic devices, consult the manufacturer of the device or local salesman. Mobile phone may interfere with appliances like television, radio, or PC
- 3) Do not hit the LCD display with extreme force or use it to hit other things. Doing so may break the glass and cause the LCD liquid to leak. If the liquid enters into eyes, it may blind you. In such case, rinse with a large quantity of water immediately (do not rub your eyes) and consult a doctor.
- 4) Do not disassemble or remodel your phone. Doing this may damage your phone or result in

-
- the leakage of electricity and circuit fault.
- 5) In a very few cases, the use of mobile phone may interfere with the electronic equipments in some cars. In such case, for safety, do not use mobile phone.
 - 6) Do not press keys with sharp things like needle or pen head. Doing so may cause damage to your phone or operation mistakes.
 - 7) Do not use the mobile phone if it has a damaged antenna, as it may cause injury to persons.
 - 8) Turn your phone off and do not remove its battery or charge the battery when in an area with a potentially explosive atmosphere. Sparks in such areas could cause an explosion or fire resulting in property damage, bodily injury or even death. For example: switch off the phone before entering refueling point. Do not use the phone near at a refueling point (service station) or near fuels or chemicals.
 - 9) Keep your phone away from moisture. If water or other liquids get into phone, it will cause phone overheating, leakage of electricity and malfunction.

1.2.3 Battery Safety Precautions

1) Battery Precautions

- ✧ Do not throw a battery into a fire. A battery may rupture or bum violently when thrown into a fire. Please dispose of the used battery according to your local environmental laws.
- ✧ When installing battery, do not forcibly put pressure on the battery, or it may result in overheating, leaking, rupturing or fire.
- ✧ Do not short-circuit the positive (+) and negative (-) terminals. If the positive and negative terminals come into contact with each other or are shorted with wire or other metallic objects, an instantaneous high current will flow, possibly damaging the battery structure due to the generated heat, with the possible result of overheating, leaking, rupturing or fire.
- ✧ Do not exceed the battery manufacturer's charging current or voltage limitations. And only use the approved peripherals.
- ✧ Do not directly solder anything onto the battery terminals. Direct soldering onto the battery terminals can cause heat generation, leaking, rupturing or fire.
- ✧ If the electrolyte inside the battery gets into your eyes, it may blind you. In such case, do not rub your eyes but rinse with a large quantity of water immediately and consult a doctor.
- ✧ For safety, do not put the battery into your mouth or use the damaged battery.
- ✧ Do not attempt to disassemble or modify a battery. Doing so may result in leaking, overheating, rupture or fire.
- ✧ Do not use or put battery near high temperature places like fire or heat-generating parts, or it may cause leaking, overheating, rupture or fire.
- ✧ Stop using the battery if abnormal heat, odor, discoloration, deformation, or abnormal conditions are detected during use, charge, or storage.
- ✧ Do not allow leaked electrolyte to come into contact with your skin or clothes. If this happens, rinse with a large quantity of water immediately and consult a doctor.
- ✧ If the battery leaks electrolyte or emits a strange odor, immediately remove it from open flame to avoid fire and rupture.
- ✧ Keep battery from moisture, as it may cause the battery to overheat, smoke and corrode.
- ✧ Do not place or store the battery in an automobile in hot weather, under direct sunlight. Use or storage of the battery in these places may cause battery leakage and overheating, and possibly lower the performance and shorten the battery's life.
- ✧ Only use the approved batteries and fittings. Do not connect to unspecified devices.
- ✧ Do not continuously charge the battery for more than 24 hours, as battery may be damaged by extensive overcharging.

2) Battery Capability

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

1.2.4 Disposing of Used Battery

The rechargeable batteries contain toxic heavy metals like mercury, cadmium, and lead.

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

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

1.2.5 Charger Precautions

- 1) Use charger to charge battery quickly. Before charging, make sure the battery has been inserted in the phone correctly. Do not remove the battery while charging.
- 2) Please use the specified alternating current. Using other voltage will cause electricity leakage, fire or damage to the phone and charger.
- 3) Charge your battery for at least 12 hours at the first time for its best performance and long cycle life.
- 4) If the charger still plugs in the charge slot and the phone has been fully charged, the phone will check the battery state automatically, and recharge the battery once it is not at full level.
- 5) While the mobile phone is being charged, keep it out of the reach of children.
- 6) Do not short-circuit the charger. A short-circuit may result in electric shock, smoke and damage to the charger.
- 7) If the power cord is damaged, please do not use the charger, or it may cause fire or electric shock.
- 8) Please clean the dust on the power outlet in time.
- 9) Do not put container filled with water beside charger, as water may be splashed on charger, causing the charger overheating, leakage of electricity and malfunction.
- 10) If the charger comes into contact with water or any other liquids, immediately unplug the charger from outlet to reduce the risk of overheating, fire, electric shock or charger malfunction.
- 11) Do not disassemble or modify the charger. Doing so could result in risk of injury to persons, electric shock, fire and damage to the charger.
- 12) Do not use charger in a high moisture environment like bathroom, or it may cause electric shock, fire and damage to the charger.
- 13) Do not touch the charger, power cord and power outlet with wet hands as it may cause electric shock.
- 14) Never put a heavy object on the power cord or modify the power cord. Doing so may cause electric shock or fire.
- 15) To reduce risk of electric shock or injury, unplug the charger from the power outlet before cleaning or maintenance.
- 16) When you disconnect the power cord of the charger, grasp and pull the plug, not the cord. Pulling the cord may cause electric shock and fire.

1.2.6 Clean and Maintenance

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

1.3 Terminology explanation

GSM	Global system of mobile
SMS	Short message service

SIM	Subscriber identify module card
PC	Personal computer
PIN	PIN code is a 4-8 digit personal identification number, and is used to prevent your SIM card from misuse. It is provided by your service provider. If you enter 3 times error PIN code continuously, the SIM card will be locked, and then you must enter PUK code to unlock.
PIN2	PIN code is a 4-8 digit personal identification number. It is provided by your service provider. To protect the access of some advanced functions like fixed dial. If you enter 3 times error PIN2 code continuously, the SIM card will be locked, and then you must enter PUK2 code to unlock.
PUK	An 8 digit key code. Used to unlock SIM cards after the wrong PIN has been entered. PUK is provided by your service provider.
PUK2	An 8 digit key code. Used to unlock SIM cards after the wrong PIN2 has been entered. PUK2 is provided by your service provider.

2 Specification

2.1 Specification

Band: GSM 850/1900 or 900/1800 Dual sim cards, dual standby, single pass

Phone Type: Bar phone

Dimensions: (Pending)

Weight: (Pending)

Talk Time: 4~6 hrs. (Network Dependent)

Stand-by time: 400-600 hrs. (Network Dependent)

Phonebook Storage: 250

Phone SMS storage: 50

2.2 Technical Performance

Cellular System Technical Performance	GSM900	DCS1800
Receive frequency range	925~960MHz	1805~1880 MHz
Transmitter frequency range	880~915 MHz	1710~1785 MHz
Transmitter output Power	+5...+33dBm/3.2mW...2W	+0...+30dBm/1mW...1W
Frequency Spacing	45 MHz	95 MHz
Channels	174	374
Adjacent channel spacing	200KHz	200KHz
Power levels	15	16
Sensitivity	-102dBm/BER<2%	-100dBm/BER<2%

Frequency Error	<±0.1ppm	<±0.1ppm
RMS Phase Error	<5°	<5°
Peak phase Error	<20°	<20°

Cellular System Technical Performance	GSM850	PCS1900
Receive frequency range	869~894MHz	1930~1990 MHz
Transmitter frequency range	824~849 MHz	1850~1910 MHz
Transmitter output Power	+5...+33dBm/3.2mW...2W	+0...+30dBm/1mW...1W
Frequency Spacing	45 MHz	80 MHz
Channels	124	299
Adjacent channel spacing	200KHz	200KHz
Power levels	15	16
Sensitivity	-102dBm/BER<2%	-100dBm/BER<2%
Frequency Error	<±0.1ppm	<±0.1ppm
RMS Phase Error	<5°	<5°
Peak phase Error	<20°	<20°

3 Phone Appearance and Keys

3.1 Physical Impression

(Pending)

3.2 Keys specification

Keys	Specification
	<p>Left/Right soft key Perform the functions indicated on the left/ right bottom line of the display. Press right soft key to return to upper menu. In idle mode, press right soft key to access Name menu. In idle mode, press left soft key to access main menu.</p>
	<p>Dial key 1/2 Answer the call by pressing any dial keys. In idle mode, enter phone number and press the key to make a call. Or dial a number from phonebook or call records. In idle mode, press the key to display the corresponding call logs.</p>
	<p>End key End the call. Long press to power on/off the mobile.</p>

	Return to idle menu
	MP3 key Enter the Audio player.
	Navigation keys Indicates 【↑】 【↓】 【←】 【→】 four directions. In idle mode, press 【↑】 to access Inbox; In idle mode, press 【↓】 to access Alarm; In idle mode, press 【←】 to access User profiles; In idle mode, press 【→】 to access Shortcuts; In idle mode, long press middle key to open/close the flashlight on the front of phone. In other interface, press navigation keys to scroll through options. During the call speaking, press middle key to enable/close loud speaker. In option menu, press middle navigation key to confirm selection. In Calculator menu, press middle navigation key to show result.
	Alphanumeric Keys When dial a number, enter corresponding number. In input mode, enter different characters according to input mode, like letter or number. In idle mode, long press 2~9 digit key and Dial Key to access speed dial. In idle mode, press one or more keys of 1-9 and then press # key to directly access entries in phonebook. For example: press 1 and # in turn, it displays the first entry of SIM card phonebook. In idle mode, long press 0 key, cyclically shows "0", "+", "P", "W".
	* key When dial a number, press to enter "*". In input mode, enter punctuation.
	# key In idle mode, long press can switch to silent mode. In edit interface, press to switch input mode. When dial a number, press to enter "#". In idle mode, press right soft key then press # key to lock/unlock keypad. In Calculator menu, input ".".

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

3.3 Icons

Icon	Specification
	Network signal strength Straight stripe is more, the network signal is stronger. Top right number indicates use line. Left red number indicates current SIM card.
	Bluetooth The phone opens Bluetooth function.
	Message Receive new SMS message. Receive new MMS message.
	Keypad lock

 	<p>The keypad is locked.</p> <p>The keypad is unlocked.</p>
	<p>Earphone</p> <p>The phone is inserted earphone.</p>
	<p>Alarm</p> <p>Set the alarm time and activate the function.</p>
   	<p>Incoming call alert type:</p> <p>That is “Ring”.</p> <p>That is “Vib. only”.</p> <p>That is “Vib. And ring”.</p> <p>That is “Vib. then ring”.</p>
	<p>Battery</p> <p>Straight stripe is more, the battery is more.</p>

- **Note:** Here roaming refers to the extending of connectivity service in a network with which your service provider has a roaming agreement. For example, suppose your service provider is “China Mobile Communications (CMCC)”, and “HongKong Telecom (HKT)” is the network with which CMCC has a roaming agreement. When you move from CMCC coverage to HKT, then you can select HKT as your service provider. In such case, you are roaming. □

3.4 Idle screen shortcuts

In idle mode, click black arrow on the left-bottom of screen, it displays shortcuts menu. Select the icon and drag it out of the menu, and operate the function menu.

In idle mode, shortcut menu list on the bottom of screen, slide the shortcut bar and select the function.

4 Menu Function

In idle mode, press middle key to access menu. Scroll through options by pressing navigation keys, and press left soft key to access selected option.

File manager		View Send text message Send multimedia message
Phonebook		Call IP dial Edit Delete Copy Move
Fun & Games		Send contact Add to Blacklist Caller groups Phonebook settings
Call center	Call history	SIM1 call history SIM2 call history
	Call settings	SIM1 missed calls SIM1 dialled calls SIM1 received calls Delete SIM1 call log SIM1 call timers SIM1 call cost SIM1 SMS counter SIM1 GPRS counter
Messaging	Write message Inbox Drafts Outbox MMS Broadcast message Templates SMS settings	Write message Inbox Outbox Drafts Templates MMS settings
		Camera Image viewer Video recorder Video player Audio player Sound recorder FM radio Schedule FM record Slide show
Multimedia		
Organizer		Calendar Tasks Alarm World clock Led FlashLight Bluetooth
Settings	Dual SIM switch Dual SIM settings Pen Calibration Phone settings Network settings Security settings Connectivity Restore factory settings Sound effects	SIM1 security settings SIM2 security settings Phone lock Auto keypad lock Change password General Meeting Outdoor Indoor Headset Bluetooth
		Time and date Schedule power on/off Language Pref. input methods Display Greeting text Dedicated key Auto update of date and time Handwriting UART settings Motion sensor settings Misc. settings
User profiles		
Extra	Calculator Unit converter Currency converter Health Stopwatch Ebook reader	
Services		STK Internet service
Shortcuts		

※ **Note:**

- (a) When the mobile have one valid SIM card, the SIM1/2 corresponding menu will not show.
- (b) Part of secondary menu and its submenu are not listed on the above. ※

5 User Guide

5.1 Installing/ Removing the battery

1) Installing the battery

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

2) Removing the battery

- ✧ Long press end key to switch the phone off;
- ✧ Slide downward the battery cover;
- ✧ Use your nail to lightly lift the battery away.

5.2 Charging the battery

Your phone is powered by a rechargeable battery. When the battery is weak, the battery sensor informs you. At this time, you need charge the battery. When the battery becomes too weak for the phone to operate, it switches off automatically.

- 1) Plug the charger into the charger port at the bottom of the phone, and then plug the other end of the charger into the appropriate electrical outlet.
- 2) When charging is complete, disconnect the connector from the phone and unplug the charger from electrical outlet.

*** Notice:**

- i) Charging with phone on, battery icon scrolling on the display.
- ii) During charging, the phone can operate as usual. But the charging time increases.
- iii) Charging with phone off, the display says 'Charging' with charging indicator icon flash.*

5.3 Inserting/Removing the SIM card

The mobile support two SIM cards on-line at one time. The method of the two SIM cards of inserting or removing is same.

a) **Inserting:** make sure that the phone is already switched off and is not charging:

- ✧ Remove the battery.
- ✧ The mobile is double deck SIM cards clip. Insert SIM card 1 underside and SIM card 2 upside. Gold contacting points of SIM card 1 upwards, the angled corner towards the outside; Gold contacting points of SIM card 2 downwards, the angled corner also towards the outside. Slide the two cards into the slots.
- ✧ Insert battery.

b) **Removing:** make sure that the phone is already switched off:

- ✧ Remove the battery;
- ✧ Slide the card downward out of the slots;
- ✧ Insert battery.

※ Note:

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

5.4 T-Flash card use

5.4.1 Installing/Removing T-Flash card

This mobile supports the T-Flash card feature. Make sure that the T-Flash card has already inserted into mobile. T-Flash card slot locate at the right top of the SIM card.

1) Installing

- ✧ Power off, and remove the battery;
- ✧ Make contacting points downwards. Ensure the angled corner is positioned correctly and slide the card into the carrier;
- ✧ Lock it.

2) Removing

- ✧ Power off, and remove the battery;
- ✧ Make contacting points downwards. Ensure the angled corner is positioned correctly and slide the card into the carrier;
- ✧ Take out T-Flash card.

5.4.2 T-Flash card use

1) File operation specification

The music and video file are saved in the T-Flash card. If you need operate with the files, the files must be saved in the card firstly. Act as following:

- ✧ Connect PC port and USB port with specific USB line. USB port is on the bottom of the phone.
- ✧ After inserting the USB line, the display shows tip information. There shows “Mass storage” and “Webcam” option. Select “Mass storage”.
- ✧ Or insert initial T-Flash card into specific card reader, and then insert the reader into USB port.
- ✧ Select “My computer—movable disk”, can use the T-Flash function. Add or delete files in the music / video fold on the card.
- ✧ Stop the USB function on computer; disconnect the USB line with mobile. (*Note: Must stop the function on the computer firstly, then disconnect the line with mobile, otherwise the data will be lost*).

2) T-Flash card directory specification

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

5.5 Power On or Off

Make sure the battery is already inserted:

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

※ Note:

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

6 Call Functions

6.1 Making a Call

When you want a call, press the phone keypad to input the area code and phone number. Click middle key to save, select To SIM1/2, or To phone.

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

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

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

- **Quick making a call**

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

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

6.2 Answering a Call

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

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

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

6.3 H-Free/H-Held

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

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

6.4 Call Waiting

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

6.5 Call Options

6.5.1 During a call

Call with one party, press middle key to select:

- ✧ Magical Voice Setting: set magical voice on or off. If enable the function, during the call, your voice will change into magical effect.
- ✧ Hold/Retrieve single call: pause the call, the caller will not be heard the sound. If you want to retrieve the call, select "Retrieve".
- ✧ End single call: Disconnect the call.
- ✧ New call: input new phone number, press left soft key to save number to phonebook, and press dial key to call the new number.
- ✧ Phonebook: enter phonebook menu.
- ✧ Messaging: enter message menu.
- ✧ Sound recorder: during the call, record the sound.
- ✧ DTMF: activate the sending of the DTMF signal, or clean the sending.

6.5.2 Making a Multiparty Call

A multiparty call is a network service that allows up to six people (require network support) to take part simultaneously in a multiparty or conference call. For more information, contact your service provider.

Making a Conference Call:

- 1) Call the first participant in the normal way.
- 2) Call the second participant in the normal way. The first call is automatically put on hold.
- 3) To join the first participant to the multiparty call, press middle key to access <Option>:
 - ✧ Magical Voice Setting: set magical voice on or off. If enable the function, during the call, your voice will change into magical effect.
 - ✧ Conference: add incoming callers or a new person to the multiparty call.
 - ✧ Swap: swap the speaking party.
 - ✧ End single call: end the specific connected call.
 - ✧ End all calls: end all calls.
 - ✧ Transfer: assign the specific call to divert.
 - ✧ New call: make a new call.
 - ✧ Phonebook: enter the phonebook menu.
 - ✧ Messaging center: enter Message center menu.
 - ✧ Sound recorder: record the call.
 - ✧ DTMF: activate the sending of the DTMF signal, or clean the sending.
- 4) To add a new person to the multiparty call, call the person in the normal way, then press left soft key to access <Option>, and select "Conference".
- 5) You can add incoming callers by answering the call and pressing <Option>, followed by "Conference". Repeat as required.
- 6) During the conference, press left soft key to select:
 - ✧ Magical Voice Setting: set magical voice on or off. If enable the function, during the call, your voice will change into magical effect.
 - ✧ Hold/Retrieve conf.call: during the conversing with multiparty, if new call comes, hold the conversing call, answer the new call
 - ✧ Split: separate one part from multiparty calls for alone converse.
 - ✧ End single call: end the specific call.
 - ✧ End conf. calls: end all the calls.
 - ✧ New call: input new phone number, press left soft key to save number to phonebook, and press dial key to call the new number.
 - ✧ Phonebook: enter phonebook menu.
 - ✧ Message center: enter Message center menu.
 - ✧ Sound recorder: record the call.
 - ✧ DTMF: activate the sending of the DTMF signal, or clean the sending.

※**Note:** Multiparty Call requires network support. ※

7 File manager

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

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

7.1 Phone

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

※**Note:** After formatting, all data saved on the phone will be lost forever.※
- 2) Select one folder, press left soft key to access:
 - ◇ **Open:** open the folder and show the file list.
 - ◇ **New folder:** create a new folder under the current folder.
 - ◇ **Rename:** Rename the selected folder.
 - ◇ **Delete:** delete selected folder.
 - ◇ **Sort by:** sort the selected folder.
- 3) Select one file under the folder, press left soft key to access:
 - ◇ **View:** view the photo, the menu is valid to image file.
 - ◇ **Print:** print the photo to bluetooth.
 - ◇ **Play:** play the video file. The menu is valid to audio, video file.
 - ◇ **Open ebook:** open the e-book file. The menu is valid to e-book file.
 - ◇ **Use:** if the selected file is a ring, then send it to profile.
 - ◇ **Send:** send it to MMS or bluetooth.
 - ◇ **Details:** show the file details.
 - ◇ **Rename:** rename the selected file.
 - ◇ **Copy:** copy the file to specific folder.
 - ◇ **Move:** move the file to specific folder.
 - ◇ **Delete:** delete the selected file.
 - ◇ **Delete all files:** delete all files of the folder.
 - ◇ **Mark several:** mark the photos.
 - ◇ **Sort by:** sort the file on the current folder.

7.2 Memory card

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

- ◇ **Open:** open the folder and show the file list.
- ◇ **New folder:** create a new folder under the selected folder.
- ◇ **Format:** format the phone memory.

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

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

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

8 Phonebook

This feature allows you to store phone numbers and their corresponding names in the

memory of your SIM card and phone's memories, at the same time, provides browsing, adding, managing functions. Your phone can store up to 300 contacts, while SIM card memory depends on various SIM card.

8.1 Add new contact

Add new entry and related information to phonebook.

- 1) Press navigation key to move the cursor to "Add new contact", first, confirm the storage media in <Preferred storage>: To SIM1, To SIM2, To phone.
- 2) If preferred storage is phone, then input Name, Number, Home number, Company name, Email address, Office number, Fax number, Birthday, Caller picture, Caller video, Caller ringtone, Caller group.

※ **Note:** If add new entry to SIM card, there only need input name and number.※

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

You can finish the following operations with the find number:

8.2 View

View the detailed information of the selected number.

8.3 Send text message

Send SMS to the selected number.

8.4 Send multimedia message

Send MMS to the number.

8.5 Call

call the number you select.

8.6 IP dial

Make an IP dial to the selected number by SIM1 or SIM2 card.

8.7 Edit

Edit the selected number.

8.8 Delete

Delete the number from phone or SIM card.

8.9 Copy

Copy the number from the SIM1 card to phone, or copy from SIM1 card to SIM2 card.

8.10 Move

Move the number from SIM1 to phone or move from SIM1 to SIM2.

8.11 Send contact

- **As SMS:** send the contact through SMS.
- **As MMS:** send the contact by MMS. Enter the MMS write message interface.
- **Via Bluetooth:** send the contact by Bluetooth.

8.12 Add to Blacklist

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

8.13 Caller groups

- 1) Press navigation key to move the cursor to “Caller groups”, confirm to enter, the display will show: Friends, Family, VIP, Business, Others.
- 2) Select group name by navigation key, press left soft key to view members, then press left soft key to view, add, remove the members.
- 3) Select group name by navigation key, press left soft key to send SMS.
- 4) Select group name by navigation key, press left soft key to select group settings, select ring tone, associate picture, associate video, which can discriminate the caller group.

8.14 Phonebook settings

Set the phonebook parameter.

- ✧ **Preferred storage:** set the preferred storage media: SIM1/2, Phone or all.
- ✧ **Speed dial:** on or off the function. Allows you to assign up to eight phone numbers from Phonebook that you use most frequently to the number keys (2~9), and then dial them easily whenever you want, by pressing and holding the associated number key.
- ✧ **My number:** edit and send my number.
- ✧ **vCard version:** select vCard version
- ✧ **Extra numbers:** the menu is used to save the mobile used SIM1/2 owner number, service dialing number, SOS number. It can set owner number of current using. The menu can set the name and number of SIM card. It can be operated: Edit.
- ✧ **Memory status:** show the used storage and total storage of SIM card and phone.
- ✧ **Copy contacts:** copy the number from the SIM1 card to phone, or copy from SIM1 card to SIM2 card.
- ✧ **Move contacts:** move the number from SIM1 to phone or move from SIM1 to SIM2.
- ✧ **Delete all contacts:** delete all the numbers from phone or SIM card.

9 Fun & Games

For making some funny, the phone designs some games. The details of operation please refer to game help file.

10 Call center

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

10.1 Call history

10.1.1 SIM1 call history

10.1.1.1 SIM1 missed calls

This menu lets you view the SIM1 card missed call number, there is showing most 20 numbers. You can Call, Send SMS, Send MMS, Save to Phonebook, Add to Blacklist, Edit before

call, Delete.

10.1.1.2 SIM1 dialed calls

This menu lets you view the SIM1 card recent numbers you dialed, there is showing most 20 numbers. You can Call, Send SMS, Send MMS, Save to Phonebook, Add to Blacklist, Edit before call, Delete.

10.1.1.3 SIM1 received calls

This menu lets you view the SIM1 card recent numbers you received, there is showing most 20 numbers. You can Call, Send SMS, Send MMS, Save to Phonebook, Add to Blacklist, Edit before call, Delete.

10.1.1.4 Delete SIM1 call log

This menu lets you delete the SIM1 card missed call, dialed call, received call, or all the calls.

10.1.1.5 SIM1 call timers

This menu lets you view the SIM1 card duration of last call time, all the dialed call time, all the received call time. And can reset the call time to 0.

10.1.1.6 SIM1 call cost

Display the cost of the SIM1 card call. The menu needs the support of SIM card. Otherwise it will not show.

- ✧ **Last call cost:** show the fee of the last call.
- ✧ **Total cost:** show the fee of all the calls.
- ✧ **Reset cost:** clean the call cost.
- ✧ **Max cost:** set the max cost of the call. Before setting, you need input PIN2 number.
- ✧ **Price per unit:** set the price unit. Before setting, you need input PIN2 number.

10.1.1.7 SIM1 SMS counter

Show the SIM1 card counter of already sent message and received message.

10.1.1.8 SIM1 GPRS counter

Show the byte counter of SIM1 card GPRS sent. The menu can view last sent counter, last received counter, all sent counter, all received counter. And can reset the counter to 0.

10.1.2 SIM2 call history

Please refer to “**SIM1 call history**”.

10.2 Call settings

10.2.1 SIM1 call settings

10.2.1.1 Caller ID

Set sent caller Id by network, send Id, or hide Id.

10.2.1.2 Call waiting

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

10.2.1.3 Call divert

This network feature allows you to divert your incoming calls to another number. If you can

not answer the phone, forward your incoming calls.

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

10.2.1.4 Call barring

The call barring network service allows you to restrict your calls. This feature needs call barring password supplied by your service provider.

- 1) **Outgoing Calls:** calls cannot be made except emergency call.
- 2) **Incoming Calls:** calls cannot be received.
- 3) **Cancel All:** cancel all the limitation, it need input barring password.
- 4) **Change Barring password:** change the barring password.

※ **Note:** The call barring password is provided by your service provider. ※

10.2.1.5 Line switching

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

10.2.1.6 Closed user group

The menu allows closing user group, the information will be diverted into network. The function is dependent on network.

10.2.2 SIM2 call settings

Please refer to "SIM1 call settings".

10.2.3 Magical Voice

Set the magical voice call effect. When you open the function and set one voice effect, your voice during the call will be changed into magical effect.

10.2.4 Advance settings

10.2.4.1 Black list

- 1) **Mode:** on/off this function.
- 2) **Black list number:** input the numbers you want to shield, then you cannot get this number's call.

10.2.4.2 Auto redial

If activate the function, when dial failed, the phone will dial the number automatically.

10.2.4.3 IP dial

Set IP prefix number. Enter the IP number, press <Option> and select Accept. Selecting Discard rejects your setting.

10.2.4.4 Call time display

If activate the function, the call time will display.

10.2.4.5 Call time reminder

If activate the function, during the calling, there is voice prompt to show the call time.

10.2.4.6 Auto quick end

Set a call time. When the time is arrived, the call automatically ends.

10.2.4.7 Reject by SMS

Set on or off this function.

11 Messaging

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

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

11.1 Write message

Write new message for sending. During editing the message, press left soft key to operate:

- ✧ **Send to:** enter number or add from phonebook. You can add many numbers.
- ✧ **Input method:** select input method.
- ✧ **Input template:** select the template message from the template list.
- ✧ **Advanced:**
 - **Insert number:** insert the contact number from phonebook into message.
 - **Insert name:** inset the contact name from phonebook into message.
 - **Insert bookmark:** insert bookmark into text.
- ✧ **Save to Drafts:** save the message to draft of SIM1 or SIM2.

After editing the message, select “Send to” and select the number, press left soft key to access:

- ✧ **Send:** send the message to the selected numbers.
- ✧ **Edit recipient:** edit the number.
- ✧ **Remove recipient:** delect this number.
- ✧ **Remove all recipients:** delect all the numbers.
- ✧ **Save to Drafts:** save the message to draft of SIM1 or SIM2.

11.2 Inbox

Through the menu you can read received message. After enter the menu, you can select “SIM1 Inbox” or “SIM2 Inbox”.

To the message list, select one and open it, press left soft key:

- ✧ **View:** view the message content.
- ✧ **Reply:** replay the message.
- ✧ **Call sender:** call the number that sends this SMS.
- ✧ **Forward:** send the message to others.
- ✧ **Delete:** delete the selected message.
- ✧ **Delete all:** delete all messages.
- ✧ **Save to Phonebook:** save this new number to the phone or replace existing.
- ✧ **Mark as read/unread:** mark this message read or unread. You can distinguish it with the picture in front.
- ✧ **Advanced:**
 - **Copy to phone/Copy to SIM:** copy the message to phone/SIM1/2.
 - **Move to phone/Move to phone:** move the message to phone/SIM1/2.

- **Copy all:** select the copy mode then copy all the messages.
- **Move all:** select the move mode then move all the messages.

11.3 Drafts

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

11.4 Outbox

The outbox stores any messages that you have failed to delivery. Select “SIM1 Outbox” or “SIM2 Outbox”. For the messages in this box, you can access options: View, Forward, Delete, Delete all, Advanced. The details refer to [Inbox].

11.5 MMS

The function supports sending and receiving the MMS (Multimedia Messaging Service). The message can contains text, image, audio, memo, vCard or video chip. If the length of MMS is too long, the phone maybe can not receive it. Some network maybe support the text message that contains website address, in this condition, you can view the MMS through the website address.

11.5.1 Write message

You can write a new MMS message through the menu, such as insert text, image, audio and video. Before using MMS, you need set the MMS parameter, for details please contact with your service provider to confirm that if you can use the MMS service and how to apply it. Single MMS message limitation is 100KB, if the MMS message is out of the limitation, the phone will can not receive it. If you insert image, audio or video that make the MMS message is out of limitation, the phone will show the prompting information.

You maybe can not copy, update, send or forward some image, picture, ring or other multimedia content that is protected by copyright.

After enter writing message interface, input addressee number, or email, or select number from the phonebook. Optionally select the cc, bcc number. If you input bcc number, the MMS message will send by encryption mode. And then press left soft key to edit or delete the number or email address.

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

- ◇ **Done:** finish editing content, and return write message interface.
- ◇ **Input method:** select input method to write the message.
- ◇ **Add picture:** insert picture that saved on the phone or memory card into the message. After adding the picture, there will show the “Edit picture” and “Remove picture” after the menu.
- ◇ **Add audio:** insert the audio file that saved on the phone or memory card into the message. After adding the audio, there will show the “Edit audio” and “Remove audio” after the menu.
- ◇ **Add video:** insert the video file that saved on the phone or memory card into the message.
- ◇ **Add attachment:** insert the attachment that saved on the phone or memory card into the message. After adding the attachment, there will show the “Edit attachment” and “Remove attachment” after the menu.
- ◇ **Add slide before:** add new slide before the current slide, and edit new message content. After add the slide, there will show “Delete slide” and “Next slide” after the menu.
- ◇ **Add slide after:** add new slide after the current slide, and edit new message content. After add the slide, there will show “Delete slide” and “Next slide” after the menu.
- ◇ **Add bookmark text:** add website address into the message.
- ◇ **Preview:** view the edited MMS message.
- ◇ **Slide timing:** set the slide time.

After editing, press end key to select “Done”, there is options as following:

- ◇ **Send only:** send the MMS message by SIM1/2. If fail to send, the phone will try again

for some times. If fail to send continually, the MMS message will be saved on [Outbox].

- ✧ **Save and send:** send the message, and save it on [Outbox] folder.
- ✧ **Save to Drafts:** not send the message, and save it on [Drafts] folder.
- ✧ **Send options:** set the sending parameter, such as validity period, Delivery report, Read report, Priority.
- ✧ **Save as template:** save the message as template.
- ✧ **Exit:** quit sending message, and return the upper menu. Before exit, there will ask whether to save the message. The message will be saved on [Drafts] if you agree to save.

11.5.2 Inbox

The MMS service default set as powering on. When the phone receives a new MMS message, the phone will show tip information, and save it on [Inbox] folder. Press left soft key to view the details.

Select the message from the list, press left soft key to operate as following:

- ✧ **View:** play the mms message.
- ✧ **Reply:** reply MMS message to addresser.
- ✧ **Reply by SMS:** reply SMS message to addresser.
- ✧ **Reply all:** reply MMS message to addresser and addressee.
- ✧ **Forward:** forward the MMS message to others by SIM1/2. The message content cannot be edited; only the subject can be edited.
- ✧ **Delete:** delete the MMS message.
- ✧ **Delete all:** delete all the MMS messages.
- ✧ **Save as template:** save the message as template.
- ✧ **Properties:** show the details information of the MMS message.
- ✧ **Use details:** extract the addresser and addressee number to do: Write MMS, Dial, Save to phonebook.

11.5.3 Outbox

After edit MMS message, select "Save and send", when the message is sent successfully, it will be saved on [Outbox] folder. The message that failed to send will save on this folder. Select an outbox message, press left soft key to select the menu: **View, Forward, Edit, Delete, Delete all, Save as template, Properties, Use details**. The operation details please refer to [Write message].

11.5.4 Drafts

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

11.5.5 Templates

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

11.5.6 MMS settings

Set the MMS parameter.

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

11.6 Broadcast message

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

Select “SIM1 broadcast message” or “SIM2 broadcast message”. The display shows options: Receive mode, Read message, Languages, Channel setting. Press navigation keys to select option and press middle key to access.

- ✧ **Receive mode:** power on or off the function.
- ✧ **Read message:** read the broadcast message.
- ✧ **Languages:** select the message language.
- ✧ **Channel settings:** select, add, edit or delete the old channel.

11.7 Templates

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

11.8 SMS settings

Set the SMS parameter. Select “SIM1 message settings” or “SIM2 message settings”.

- ✧ **Profile settings**
 - i) Confirm to access, the display show “Profile 1”、 “Profile 2/3/4”.
 - ii) “Profile 1” operation:
 - Profile name: edit the profile name.
 - SMSC address: set short message center number. Only input the number, the message can be sent or received.
 - Valid period: if messages can not be delivered from your message center due to some reason (i.e. your phone is switched off). Select the period in which the service center tries to deliver the message.
 - Message type: select the message send type.
 - iii) “Profile 2/3/4” is same with “Profile 1”.

- ✧ **Voice mail server**

Voice mail server is provided by ISP. It will make you not missing any call. It likes message machine, you can check the message at any time. In idle mode, long press 1 key. Before use the function, please apply with ISP.

- **Call voice mail:** connect to voice mail number, if successfully connect, you will hear the message.
- **Edit:** edit the voice mail name, input name and voice mail number.

- ✧ **Common settings**

Set the message sending parameter.

- Delivery report: Informs you whether or not your message has been delivered. To enable or disable this option, choose the On or Off.
- Reply path: allow the recipient of your message to send you a reply via your message center, if your network supports this service. To enable or disable this option, choose the On or Off.
- Save sent message: save the sent message in the outbox.

- ✧ **Memory status:** show the storage status of SIM card and phone.
- ✧ **Preferred storage:** set the preferred storage media.

12 Multimedia

12.1 Camera

With the phone camera feature, you can take picture at any time without carrying digital camera. Enter the menu, the display shows the preview image.

Press left soft key to access:

-
- ◇ **Photos:** select one image and press left soft key to access:
 - View: view the image.
 - Slide show: play the photos as slide. You can also set the type, speed, effect, BGM, view type and sound in the “Settings” menu.
 - Browse style: set display mode.
 - Send: send the photo to MMS OR Bluetooth.
 - Use as: use the photo to wallpaper, screen saver, etc.
 - Rename: rename the image.
 - Delete: delete the selected image.
 - Sort by: sort the image as name, type, time, size.
 - Delete all files: delete all the images.
 - Storage: select the image storage path.
 - ◇ **Change camera:** select front or back camera.
 - ◇ **Camera settings:** set Shutter sound, EV, Contrast, Anti-flicker, Delay timer, Cont. shot.
 - ◇ **Image settings**
 - Image size: set the image size through left or right navigation key.
 - Image quality: set the image quality.
 - ◇ **White balance:** set white balance mode.
 - ◇ **Scene mode:** set auto or night mode.
 - ◇ **Effect settings:** set photo effect.
 - ◇ **Storage:** select file storage path.
 - ◇ **Restore default:** restore default value.

After setting the parameter, the preview interface will show the effect. Press middle key to take photograph. Then press middle key to select sending image to MMS or Bluetooth. Press right soft key to return upper menu, enter next previewing. When you finish photographing, the image will be saved as .JPG file.

12.2 Image viewer

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

12.3 Video recorder

Through the menu, you can record video by yourself. Press middle key to start recording. During scanning, press left soft key to access:

- ◇ **Change camera:** select front or back camera.
- ◇ **CamCorder settings:** set the record parameter.
 - EV: set the light compensate value.
 - Night Mode: set night on or off.
 - Anti-flicker: set frequent.
- ◇ **Video Setting:** set the video quality.
- ◇ **White Balance:** set the white balance value.
- ◇ **Effect Setting:** set the video effect.
- ◇ **Storage:** select the video storage path.
- ◇ **Restore Default:** restore default value.

Press middle key to start recording. During recording, press right soft key to end, start next recording. The file is saved as *.avi file.

12.4 Video player

The menu supports play video file. When the file list is null, select the storage path first, and then select the video folder. There will update the video file list, select one file from the list, press left soft key to play. Press end key to exit and return list. The phone supports the *.AVI, 3GP and MP4 video files.

Select one video file, press middle key to operate:

- ◇ **Play:** play the file.
- ◇ **Use as:** use to power on/off display, or the phonebook caller video.
- ◇ **Send:** send file as MMS or via Bluetooth.

- ◇ **Rename:** rename the file.
- ◇ **Delete:** delete the selected file.
- ◇ **Delete all files:** delete all video files.
- ◇ **Sort by:** sort the file by name, type, time, size or none.
- ◇ **Storage:** select file from phone or T-Flash card.

12.5 Audio player

Through the menu, you can play music or ring tone file. Press left soft key to access music list, press left soft key to operate:

- ◇ **Play:** play the music file.
- ◇ **Details:** show the file details.
- ◇ **Add to ringtones:** add the selected music to ring tone database.
- ◇ **Refresh list:** refresh the list.
- ◇ **Settings:** set the parameter.
 - **Player settings:**
 - Pre. play list: select the storage media.
 - List audio gen: set On or Off.
 - Repeat: set the play repeat mode.
 - Shuffle: set whether play music stochastic.
 - **Display settings:**
 - Skin: select the skin of audio player.
 - Spectrum display: set spectrum style.
 - Lyrics display: set whether show audio text.
 - **Sound effect:** set equalizer effect.
 - **Bluetooth settings:**
 - BT stereo output: set BT stereo output: on or off.
 - BT stereo headset: set whether output from headset.

During playing the music, press left or right navigation key to next music file; long press left or right navigation key to fast forward or Rewind; press middle key to pause/play the playing file; press up and down navigation key to adjust volume; press dial key 1 to stop the playing.

12.6 Sound recorder

You can record sound through the menu. The sound recorded can be set as ring tone for call or message. Select one from the record list, press left soft key to access:

- ◇ **Play:** play the record.
- ◇ **Append:** begin a new record, and the new record is after the selected record, they are saved on one file.
- ◇ **Rename:** rename the record.
- ◇ **Delete:** delete the record.
- ◇ **Delete all files:** delete all records.
- ◇ **Settings:** set the storage media, saving format and audio quality. You can select .AMR/WAV/AWB format.
- ◇ **Use as:** use to User profiles.
- ◇ **Send:** send To MMS, To Bluetooth.

If the record list is null, press left soft key to begin recording. During recording, the display shows record time. Press left soft key to pause recording, and then press again to restore. Press end key to stop recording, then enter the name and save it. The record file is saved as .amr format by default.

12.7 FM radio

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

- ◇ **Channel List:** show all radio channels. Press OK key to edit the frequency, the value is

among 87.5MHZ and 108.0MHZ.

- ✧ **Manual Input:** input channel manually.
- ✧ **Auto Search:** search channel automatically.
- ✧ **Settings:** set the radio player parameter
- ✧ **Record:** record the FM radio.
- ✧ **Append:** User can add a FM radio recording file to an AMR file, and save them as one file.
- ✧ **File list:** display current AMR files list.

12.8 Schedule FM record

Schedule the FM record, enter the record list, and then press middle key to edit.

- ✧ **ON/OFF:** on or off this function.
- ✧ **Timing Time:** input the timing date and time.
- ✧ **Repeat:** set the record frequent, Once/Everyday/Days/Weekly/Monthly.
- ✧ **Channel Settings:** edit channel list, or input the channels manually.
- ✧ **Record Settings:** set Record format, Audio quality, Storage and Record file.

12.9 Slide show

Select picture file folder from phone or memory card, play the pictures as slide. Press left or right navigation key to previous or next picture file; press left soft key to pause/play the picture file; press right soft key to exit.

Select "Settings", you can set:

- **Type of play:** select the type of Auto (once), Auto (Repeat) or Manual.
- **Speed:** select the speed of slide.
- **Effect:** select effect of playing.
- **BGM:** if you want background music, select from file.
- **Horizontal view:** you can view the pictures in horizontal direction. On/off this function.
- **Sound:** sound when switch the picture.
- **Sort by:** sort the pictures by Name, Type, Time, Size, or None.

13 Organizer

13.1 Calendar

Through the calendar, you can view the date and task list at specific day. Press left soft key to access:

- ✧ **View:** Select the time to show the event.
- ✧ **View all:** show the task list of selected day. Press left soft key to View, Add, Edit, Delete, Send vCalendar, Save as file.
- ✧ **Add event:** add new task at selected day.
- ✧ **Delete event:** delete the event.
- ✧ **Jump to date:** directly jump to a specific date.
- ✧ **Go to weekly/monthly view:** view the calendar through weekly or monthly mode.

13.2 Tasks

Through the menu, you can view the task list, and set ring tone prompt mode. The feature can reminder you important events. Press left soft key to access:

- ✧ **View:** show the task list.
- ✧ **Add:** add new task. Select task type, then edit task content, and select alarm ring tone mode.
- ✧ **Edit:** edit task content.
- ✧ **Delete:** delete selected task.
- ✧ **Delete overdue:** delete the overdue tasks.
- ✧ **Delete all:** delete all tasks.
- ✧ **Jump to date:** directly jump to a specific date.

-
- ◇ **Send vCalendar:** select sending vCalendar mod: Send by SMS, Send by MMS, Send by Bluetooth,.
 - ◇ **Save as file:** save in the phone or card.

13.3 Alarm

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

- ◇ **On/Off:** power on or off the alarm through left or right navigation key.
- ◇ **Edit alarm:** set the alarm time.
- ◇ **Repeat:** select the ring mode: Once, Everyday, Days.
- ◇ **Alarm tone:** set the alarm audio, tone or FM radio, and select the tone.
- ◇ **Snooze:** set continuous alarm time.
- ◇ **Alert type:** select the alert type.

13.4 World Clock

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

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

13.5 Led Flashlight

On or off the flashlight function. The flashlight is in the front of the mobile.

13.6 Bluetooth

The phone support Bluetooth communication mode.

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

14 Settings

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

14.1 Dual SIM switch

Select SIM switch mode.

- ✧ **Select with SIM status:** when SIM1 and SIM2 are all valid, or only SIM1 or SIM2 is valid, the displayed menu in the following “Dual SIM settings” are different. In this mode, when the phone is power on, there is a prompt pop-up to select SIM mode.
- ✧ **Use default mode:** all menus are displayed in the following “Dual SIM settings”,

14.2 Dual SIM settings

Set the SIM card mode:

- ✧ **Dual SIM open:** SIM1 and SIM2 are valid at one time.
- ✧ **Only SIM1 open:** only SIM1 is valid.
- ✧ **Only SIM2 open:** only SIM2 is valid.
- ✧ **Flight mode:** after setting the flight mode, you need not power off the phone on the plane, at the same time cannot make a call.

14.3 Pen calibration

Align the screen to write nicer according to the prompt message.

14.4 Phone settings

Set the phone parameter.

14.4.1 Time and date

Set the time and date of the phone.

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

14.4.2 Schedule power on/off

Set the phone scheduled powering on or off. When the set time arrive, the phone will power on or off automatically. Press left soft key to select:

- ✧ **Status:** enable or disable the function of powering on/off.
- ✧ **Power on/off:** select power on or off.
- ✧ **Edit power on/off:** set the scheduled time of power on/off.

14.4.3 Language

It allows you to select language for the display text.

14.4.4 Preferred input method

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

14.4.5 Display

Set the display parameter in idle mode.

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

- ◇ **Power off display:** select the animation of the powering off display.
- ◇ **Interactive screen:** on/off this function.
- ◇ **Main menu effect:** select main menu effect.
- ◇ **Show owner number:** select on or off. If enable the function, the owner number will be shown on the idle display.

14.4.6 Greeting text

Set the function status on or off. If the function is on, then edit the greeting text.

14.4.7 Dedicated key

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

14.4.8 Auto update of date and time

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

14.4.9 Handwriting

Set the handwriting pen speed, and pen color.

14.4.10 UART settings

Select SIM card 1 or SIM card 2, the settings used to determine the current uart port which accepts AT is used by SIM 1 or SIM 2.

14.4.11 Motion sensor settings

Use the mobile sensors, user can shake the phone to switch wallpaper, wallpaper switch sound, main menu slide, switch songs, FM channels switch, image switch and select motion level. Select the corresponding items to start the acceleration function.

14.4.12 Misc. settings

Set LCD backlight.

14.5 Network settings

Set the network selection mode. Select "SIM1 network setup" or "SIM2 network setup".

- ◇ **Network selection**
 - New Research: search new network.
 - Select network: search new network, and show the network list.
 - Selection Mode: set "Automatic" or "Manual".
- ◇ **Preferred networks:** set the preferred network.

14.6 Security settings

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

14.6.1 SIM1 security settings

14.6.1.1 SIM1 lock

If activate SIM1 lock, before you use SIM1 card, you need input correct PIN.

14.6.1.2 Fixed dial

If your SIM1 card support, you can set the fixed dial number. If the function is activated, you can only dial the number in the fixed dial list. Before enable the feature, need input PIN2.

Enter fixed dial list, you can add, edit the number. When save the number, need input PIN2.

※**Note:** For avoiding change the fixed dial status by others, after setting, please power off then power on. ※

14.6.1.3 Barred dial

If your SIM1 card support, you can set the barred dial number.

14.6.1.4 Change password

The menu can change SIM1 card PIN, PIN2 password. After input correct password, enter new password for two times.

14.6.2 SIM2 security settings

Please refer to “**SIM1 security settings**”.

14.6.3 Phone lock

If activate Phone lock, before you use phone, you need input correct phone password.

14.6.4 Auto keypad lock

Set the keypad lock mode. You can activate or disable the function.

14.6.5 Change password

Change phone password.

14.7 Connectivity

14.7.1 Data account

GPRS: General Packet Radio Service, that is a new service developed from current GSM system. It can support to view Internet webpage and MMS service. Select one GPRS account from the list, press left soft key to edit:

- Account name: edit GPRS account name.
- APN: edit GPRS APN name.
- User name: input the network connection account (provided by your network service provider).
- Password: input your account password (provided by your network service provider).
- Auth. type: select authentication type: normal or secure.
- DNS: edit the DNS address.

14.8 Restore factory settings

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

14.9 Sound Effects

Set the equalizer effect.

15 User profiles

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

15.1 General

Set the phone ring tone and other prompt mode as your prefer.

- 1) **Activate:** activate and set as default mode.
- 2) **Customize:**
 - ✧ Tone setup: set ring tone for SIM1/2 incoming call, Power on, Power off, SIM1/2 Message tone, Keypad tone.
 - ✧ Volume: set the volume of Ring tone, Key tone.
 - ✧ Alert type: set the ring tone type.
 - ✧ Ring type: set the ring tone mode.
 - ✧ Extra tone: set warning tone on or off at different condition, include: Warning, Error, Camp on, Connect.
 - ✧ Answer mode: set answer mode, Any key. Press left soft key to set On or Off.

15.2 Meeting

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

15.3 Outdoor

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

15.4 Indoor

The Alert type is "Ring", the ring tone volume is 3 levels, and Ring type is "Repeat". Operation details are same with [General].

15.5 Headset

The operations are same with [General].

15.6 Bluetooth

The operations are same with [General].

16 Extra

16.1 Calculator

Through the calculator, you can operate: Addition, Subtraction, Multiplication and Division.

- 1) Enter the menu, and press numerical key and navigation key to input number and operative symbol "+、-、×、÷".
- 2) Press middle key to get the result.
- 3) Press right soft key to clean screen information. When all the character is cleaned, you press right soft key to return upper menu.
- 4) Press END key to exit the function and return idle mode.

- “M+”: Add the input number to saved number.
- “M-”: The saved number subtracts input number.
- “MR”: Show the saved number.
- “MC”: Clean the saved number.

16.2 Unit Converter

Through the menu, you can operate unit conversion with different weight and length unit.

- ✧ **Weight:** convert unit includes: “kg-pound”, “kg-ounce”. Press left soft key to change unit.
- ✧ **Length:** convert unit includes: “km-mile”, “m-yard”, “m-foot”, “cm-inch”. Press left soft key to change unit.

16.3 Currency Converter

Through the menu, you can operate currency conversion with local and foreign currency. Enter the currency rate, then confirm. Press left or right navigation key to select proportion, and then convert the currency.

16.4 Health

Through the menu, you can know your health condition.

- ✧ **BMI:** according to BMI, you can calculate your health condition.

16.5 Stopwatch

The menu provides stopwatch timer function.

- ✧ **Typical stopwatch:** time with one stopwatch, you can select different timing mode.
 - Split timing: the cumulative time length from start to stop. Press the dial key 1 to start timing, the screen will show the time length. During timing, press right soft key or on the screen, the current time will be kept to show on the top of the screen, at the same time the timer is continually. Press the dial key 1, the timer stops. Press right soft key to return. Before exit, you will be asked whether to save the record.
 - Lap timing: time with lap, and the time length will be zero after a lap. Press the dial key 1 to start timing, the screen will show the time length. During timing, press end key, the current time will be kept to show on the top of the screen, at the same time the time is set zero. Press the dial key 1 to stop the timer. Press right soft key to return upper menu. Before exit, you will be asked whether to save the record.
 - View record: view the timer record.
- ✧ **nWay stopwatch:** time with four directional stopwatches. Press four direction navigation key to select the stopwatch, the stopwatch will show the current direction time length. The total time length will show on the top of the screen from start until stop. When one way stopwatch is run, the other three stopwatches is pause and keep the time length. Press the navigation key to select different direction stopwatch. Press end key to exit.

16.6 Ebook reader

E-Book Reader supports read e-book files on your phone. You also can set the reader parameter for convenience. Now the phone only supports TXT and PDB format files.

1) If the bookshelf is null, press left soft key to access:

- ✧ **Cleanup bookshelf:** cleanup the bookshelf.
- ✧ **Global settings:** set the reading parameter.
 - Font style: set font style.
 - Scroll by: select scroll mode: Page, Line.
 - Auto scroll: if set auto scroll, the reader can automatically scroll page/line.
 - Scroll speed: set scroll speed.
 - Full screen: set the reader with full screen display.
 - Encoding: select encoding mode.

※**Note:** Before reading, you need select correct encoding mode. Or there is unreadable code.※

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- Alignment: select left or right aligning mode.
 - Select storage: select memory media to open the e-book.
- 2) If there is ebook in the shelf, select one, and press left soft key to access:
- ✧ **Open ebook:** open the e-book.
 - ✧ **Clean up bookshelf:** update the e-book file.
 - ✧ **Global settings:** set the reader parameter.
 - ✧ **Book info:** show the file details.
 - ✧ **Delete:** delete selected file.
 - ✧ **Delete all files:** delete all the e-book files.
 - ✧ **Sort by:** sort the files in the same folder, or disable the feature.
 - ✧ **Apply global settings:** execute the system settings.
 - ✧ **Help:** show the help information.
- 3) Open the ebook file, show the content, and press left soft key to access:
- ✧ **Find:** find the specific character, select find mode: Case Sensitive, Case Insensitive.
 - ✧ **Jump to:** directly jump to specific position.
 - ✧ **Go to bookmark:** go to specific bookmark position.
 - ✧ **Add bookmark:** add a new bookmark in the current position.
 - ✧ **Delete bookmark:** delete bookmark.
 - ✧ **Book info:** show the file details.
 - ✧ **Settings:** set the reader parameter.
 - ✧ **Apply global settings:** execute the system setting.
 - ✧ **Help:** show the help information.
 - ✧ **Close:** close the book.

17 Services

17.1.1 STK

STK features are provided by your service provider. If your SIM card supports STK feature, you will see the STK menu. Different STK has different STK main menu. Please contact your service provider if the STK does not work.

17.1.2 Internet services

Wireless Application Protocol, a kind of browse Internet webpage mode. It makes you browse the webpage in any place and time. You can enjoy the resource of Internet, and grasp any information through your mobile. You need apply the service to your network service provider before you use the service.

- ✧ **Homepage:** browse the homepage.
- ✧ **Bookmarks:** enter the network address set advanced.
- ✧ **Recent pages:** enter the network address history list.
- ✧ **Offline pages:** show the pages that offline.
- ✧ **Input address:** input a new address.
- ✧ **Service inbox:** receive the network service information.
- ✧ **Settings:** set the WAP browser connection mode.
 - Select SIM: select SIM1/2.
 - Profile: select WAP account from the list, can activate or edit profile. Edit items include: Rename profile, Homepage, Data account, Connection type, User name, Password.
 - Browser options: select timeout and set whether show images. If close showing image, the webpage will not show images.
 - Service message settings: set service message.
 - Clear cache: clear the phone cache.

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- Clear cookies: clear WAP browser cookies.

18 Shortcuts

Through the menu, you can set the shortcuts menu for down navigation key in idle mode. Press middle key to access:

- ✧ **Add:** add other menu to shortcut list.
- ✧ **Edit:** edit the menu to other one.
- ✧ **Delete:** delete selected shortcut.
- ✧ **Delete all:** delete all shortcuts.
- ✧ **Disable/Enable:** disable or enable the selected menu shortcut.
- ✧ **Change order:** change the menu shortcut order.

19 Text input settings

19.1 Key functions for Input Mode

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

19.2 Multitap ABC mode

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

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

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

19.3 Handwriting Input Mode

Such as writing in the paper, you can input character by hand through touch screen. Click or press the options, in different input mode, input English /Number.

19.3.1 Use Suggestion

- 1) Since the touch screen is keen, the display may show different character for all input.
- 2) If you cannot find the character through handwriting input, please input through distinctive mark (press * to open the distinctive mark list).
- 3) Input with normal speed by hand. If you input too slow or too quick, mobile maybe can not recognize.
- 4) Click, drop, and take on your pen as accurate as you can.

19.3.2 Input Character

- 1) Write character in the handwriting zone, including entire text edit zone.
- 2) If mobile cannot recognize the character by hand, you can select from character list. If you won't find, please input again.

19.3.3 Handwriting input order

When input English character, number, signal, please refer to following list with right order.

1) English

Aa	A A a a	Nn	N N n
Bb	B B b	Oo	O O o o
Cc	C c	Pp	P p p p
Dd	D d d	Qq	Q Q q q
Ee	E E e	Rr	R R r
Ff	F F f f	Ss	S S
Gg	G g g	Tt	T t t t
Hh	H h h	Uu	U u
Ii	I i i i	Vv	V v
Jj	J J j j	Ww	W w
Kk	K K k k	Xx	X X x x x x
Ll	L l	Yy	Y y y
Mm	M M m	Zz	Z Z z z

2) Number

0	0 0	5	5
1	1	6	6
2	2 2	7	7 7
3	3	8	8
4	4	9	9

20 Guidelines for safe and efficient use

20.1 Care and maintenance

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

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

20.2 Battery maintenance

- 1) A new battery will require two or three times full charge/discharge cycles in order to achieve its optimum performance.
- 2) Batteries typically have several hundreds charge cycles in their life span. When the talk time and standby time decrease obviously, replace a new battery.
- 3) If left unused, a fully charged battery will discharge itself in approximately 24 hours.
- 4) To extend the life of the battery, you can get the battery fully discharge until the phone turns itself off. Do not attempt any other unapproved discharge ways.
- 5) When the battery level is low and only a few minutes talk time remain, a warning signal will sound. When the battery is completely discharged, your phone will turn off.

21 Troubleshooting

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

Problems	Reasons and Solutions
Can't switch on	<ul style="list-style-type: none"> ■ Press and hold end key until image appears on the display. ■ Check the battery contacts. Remove and insert battery and switch your phone on again. ■ Check the battery charge level.
Can't connect to network	<ul style="list-style-type: none"> ■ Move into an area of better coverage. ■ Beyond the network cover area; ■ Contact your service provider if your SIM card is invalid.
The audio quality of the call is poor	<ul style="list-style-type: none"> ■ Press navigator key to increase the volume when you are in a call. ■ Check the signal strength indicator on the display. ■ The line is busy and can not be connected to network; you can not make a call.
Standby time too short	<ul style="list-style-type: none"> ■ When failing to connect to network, the phone will keep searching base station that consumes much battery and reduces standby time. Move to an area with stronger signal strength or switch your phone off temporarily. ■ Replace the battery.
SIM card error	<ul style="list-style-type: none"> ■ Make sure that the chips in SIM card are not damaged; use the clean cloth to scratch it. ■ Make sure that SIM card is inserted correctly. ■ SIM card invalid. Contact your service provider.
Can not dial calls	<ul style="list-style-type: none"> ■ Make sure that the number you dialed is available and the dial key has been pressed. ■ Make sure that there is enough money to make a call. ■ Make sure that SIM card is valid. ■ Fixed Dial is set or has call barring feature turned on. Deactivate fixed dial function or call barring.
Can not receive calls	<ul style="list-style-type: none"> ■ Make sure that your phone has connected to network (Check if the network is too busy or invalid). ■ Make sure that there is enough money to receive the call. ■ Make sure that SIM card is valid. ■ Check call divert settings and incoming call barring settings.
The battery won't charge	<ul style="list-style-type: none"> ■ Make sure that the battery is inserted correctly. Securely connect the charger to the phone. ■ Only charge the battery in an environment where the temperature does not go below -10°C or above 55°C. ■ The battery or charge need to be changed.
Can not set some functions	<ul style="list-style-type: none"> ■ The operation is wrong. ■ The network providers do not support the function, or you don't apply the function.