

**Mobile
User Manual
Model: V6, V2
Brand: HOTCEL
FCC ID:PYYV6**

Table of Contents

1 General Information.....	5
1.1 Brief.....	5
1.2 Safety Precautions.....	5
1.3 General precautions.....	5
1.4 Precautions for mobile phone use	6
1.5 Precautions for battery usage	6
1.6 Precautions for usage of charger	7
1.7 Cleaning and Maintenance	7
1.8 General Precautions	8
2 Before Use.....	8
2.1 SIM card.....	8
2.1.1 Insert and pull out the SIM card.....	8
2.2 Battery.....	9
2.2.1 Pull out and install the battery.....	9
2.2.2 Charge the Battery.....	9
2.3 Power on	10
2.4 The use of USB data route	11
2.5 Install and pull out T-flash card.....	11
3 Basic Description.....	12
3.1 About the Keypads.....	12
3.1.1 Basic Keys.....	12
3.2 Call functions	13
3.2.1 Make a call	13
3.2.2 Answer a call.....	14
3.2.3 Reject a call.....	14
3.2.4 Menu available during a call	14
3.3 Hand-free function	15
4 Menu Introduction.....	15
4.1 Phone book.....	15
4.2 Messaging	16
4.2.1 Write message	16
4.2.2. Inbox	16
4.2.3 Drafts.....	17
4.2.4 Outbox.....	18
4.2.5 Sent messages	19
4.2.6 Delete messages	19
4.2.7 Broadcast Message.....	19
4.2.8 Message settings	20

4.2.8.1 Text message:	20
4.2.8.2 Multimedia message:	20
4.3 Call Center	20
4.3.1 Call log.....	20
4.3.2 Call settings.....	21
4.4 Internet & Service	23
4.4.1 Internet service.....	23
4.4.2 Wi-Fi	23
4.4.3 Data account.....	24
4.4.4 STK	24
4.5 Multimedia.....	24
4.5.1 Camera	24
4.5.2 Image Viewer	25
4.5.3 Video Recorder.....	25
4.5.4 Video Player	25
4.5.5 Audio Player.....	26
4.5.6 Sound recorder	26
4.5.7 FM radio.....	27
4.6 App center	27
4.7 TV	27
4.8 JAVA	28
4.9 User profiles	28
4.10 Settings.....	29
4.10.1 Dual SIM settings.....	29
4.10.2 Phone settings	29
4.10.3 Network settings.....	30
4.10.4 Security settings	30
4.10.5 Connectivity	31
4.10.6 Restore factory settings	31
4.10.7 Shortcuts.....	31
4.11 Organizer.....	31
4.11.1 Bluetooth	31
4.11.2 Calendar	32
4.11.3 Tasks.....	32
4.11.4 Alarm.....	33
4.11.5 World clock	33
4.11.6 Notes	33
4.11.7 Calculator	33
4.11.8 Stopwatch.....	33
4.11.9 Ebook reader	34
4.11.10 Unit converter.....	34
4.11.11 Currency converter	34
4.11.12 Games.....	34
4.12 File manager.....	34

5 Operation Instructions on Chinese and English Input	35
6 Common Problems	35
6.1 When the mobile phone displays “Insert SIM”?	35
6.2 Checking and precautions of PIN, PIN2, PUK, PUK2 and password:.....	36
6.3 Network connection fails	36
6.4 You can't be heard.....	36
6.5 Can't charge the battery	36
6.6 Weak signal	36
6.7 Can't make a call.....	36
6.8 Standby time becomes short.....	37

1 General Information

1.1 Brief

Thank you for selecting this series colored screen mobile phone.

Before installing and using the product, be sure to carefully read all the materials accompanying the mobile phone. This will help you to better use the mobile phone, get an overall idea about the use, and understand the perfect functions and the short-cut operating methods.

This colored screen mobile phone is designed for the GSM /GPRS network environment. In addition to the basic call function, it also provides you many practical functions for your work and leisure, such as Dual Card Mode , name card phone book, chord ring, clock/ alarm clock, Bluetooth , FM, unit conversion, calculator, games, Mp3 player, Mp4 player, the mobile phone adopts the personalized human-machine interface and the perfect function design can satisfy your different requirements.

***Note: Take the mobile phone as standard if the contents in this manual are different from those in your mobile phone.**

Our Company shall reserve all the rights to modify the content of the manual without any notice in advance.

1.2 Safety Precautions

- If your mobile phone is lost or has bug, please inform the telecommunication department or the distributor to prevent use of your mobile phone or SIM Card without authorization. Thus you avoid the economic loses brought by the false phone call.
- When you contact the telecommunication department or the distributors, they need to know the IMEI code of your mobile phone (the label stickled on the back of your mobile phone. You can get it after pulling down the battery). Please keep the code with care for future use.
- Please adopt the preventive measures to avoid the misuse of the mobile phone, for instance:
 - Properly set your mobile phone's SIM card and the PIN code and change the codes on time before others know them.
 - When you leave your car, DO NOT leave your mobile phone at the place that is easily to be seen. You'd better take it along with yourself or lock it in the luggage.
 - Set up the call barring

1.3 General precautions

- Your mobile phone can only use the battery and charger specified by our Company. Any other products may cause a battery leakage, overheat, burst or fire.
- DO NOT impact, shake or toss your mobile phone violently so as to avoid the malfunction and fire occurring to the mobile phone.
- DO NOT leave your battery, mobile phone or charger in the oven or the high voltage equipment; otherwise, accidents, such as circuit damage or a fire may take place to your mobile phone.
- DO NOT use your mobile phone at the place with inflammable and explosive gases; otherwise, malfunction and fire may take place to your mobile phone.
- DO NOT place your mobile phone in the places with high temperatures or a great deal of dust; otherwise, your

mobile phone failure may happen.

- Please leave your mobile phone at place out of the children's reach, because the children may regard it as a toy and cause physical injury.
- DO NOT leave your mobile phone on uneven or unsteady surfaces so as to prevent it from falling, causing a failure or a damage.

1.4 Precautions for mobile phone use

- Please power off your mobile phone where mobile phone use is forbidden, e.g. on the plane or in the hospital. The mobile phone may influence the normal working of the electronic equipment or the medical equipment. In case of using the mobile phone at those places, please follow the relevant rules or regulations. The headset has a time power on/off function and you are required to ensure that the mobile phone will never time power on automatically during the course of the flight.
- DO NOT use your mobile phone near the weak signal equipment or the highly sophisticated electronic equipment. Radio wave interference may cause malfunction of the electronic equipment or other failures. Attentions should be paid especially to the following equipment: hearing aid, pacemaker & other medical electronic equipment, fire detector and other automatic control equipment. Please consult the equipment manufacturer or the local distributor for the influence of the mobile phone to the pacemaker or other medical electronic equipment.
- DO not press the LCD screen or strike any other objects with it, otherwise, a damage and leakage may take place to the LCD. If the liquid comes to your eyes, there will be a danger of blindness. In such a case, wash your eyes with water (Note: DO NOT rub your eyes) and then go to the hospital for medical treatment.
- DO NOT disassemble or remount your mobile phone; otherwise, a damage, creepage and circuit failure will be likely to occur to your mobile phone.
- In a few circumstances, when the mobile phone is used in the cars of some models, the electronic equipment in the auto will be affected by it. In such cases, DO NOT use your mobile phone so as to ensure the safety.
- Please DO NOT press the keys with sharp things, such as needle or stylus; otherwise damage or mis-operation may occur to the mobile phone.
- If the antenna is damaged, DO NOT use your mobile phone; otherwise, it may cause a physical injury.
- Keep the mobile phone far away from the magnetic objects, such as the magcard, for the radiation may clear the information on the floppy disk, store value card and credit card.
- Please keep the tiny things, such as thumb pin away from the handset of the mobile phone. During working the speaker has magnetism, which may magnetize those tiny metal pieces and therefore causes a physical injury to human or damage to the mobile phone.
- Keep the mobile phone from wetting, for water and other liquids coming to your mobile phone may cause overheat, leakage or malfunction to the mobile phone.

1.5 Precautions for battery usage

- DO NOT throw the battery into the fire; or it may cause a fire and burst.
- When installing the battery, DO NOT press the battery forcibly; or it may cause a leakage, overheat, burst or fire.
- DO NOT use the electric wire, needle or other metals to make a short circuit or do not leave the battery with such metals as necklace; otherwise it may cause a battery leakage, overheat, burst or fire.
- DO NOT weld the ends of the battery; or it may cause a leakage, overheat, burst or fire.
- If the battery electrolyte enters the eyes, there is a possibility of blindness. In such case, DO NOT rub your eyes.

Please wash the eyes with clear water and then go to the hospital for medical treatment.

- DO NOT disassemble or remount the battery or it may cause a leakage, overheat, burst or fire to your mobile phone.
- DO NOT use or place your mobile phone in the high-temperature places, such as by the side of the fire or the heater; or it may cause a leakage, overheat, burst or a fire to your mobile phone.
- If there is a temperature rise, color change or a deformation during the course of the usage, charging or storage, please stop using the battery and change for a new battery.
- If the battery electrolyte comes into contact with skin or clothes, it may cause the skin burnt. In such a case, wash the skin and clothes immediately and then go to the hospital at once.
- If the battery electrolyte leaks or sends off an odd smell, please take it away from the flammable fire so as to avoid fire or burst.
- Keep the battery from wetting; or it may cause overheat, smoke or erosion to the battery.
- DO NOT use or keep the battery where the sunlight shoots from a right angle or near the car; or it may cause overheat or leakage to the battery, which may lower the performances and shorten the service life of the mobile phone.
- DO NOT continuously charge the battery for more than 24 hours.

1.6 Precautions for usage of charger

- Please use 100-240V alternative current; or it may cause leakage, fire or damage to the charger.
- Short circuit of the charger is forbidden; or it may cause an electric shock, smoke or damage to the charger.
- DO NOT use the charger when the power supply wire is damaged; or it may cause a fire or an electric shock.
- Please clean the accumulated dust covering the power socket.
- DO NOT leave the water container near the charger so as to avoid water from spilling to cause overheat, leakage or failure to the charger.
- If the charger contacts water or any other liquids, pull out the power plug from the socket immediately so as to avoid overheat, fire or failure to the charger.
- DO NOT disassemble or remount the charger or it may cause a physical injury, an electric shock, a fire or damage to the charger.
- DO NOT use the charger in the bathroom or it may cause an electric shock, fire or charger to the charger.
- DO NOT touch the charger, wire or power supply socket with a wet hand; or it may cause an electric shock.
- DO NOT place the heavy object on the power supply wire or refit the wire; or it may cause an electric shock or fire.
- Before cleaning and maintenance, pull out the plug from the power supply socket.
- Hold the charger when pulling out the plug from the socket, for pulling the cable may cause damage to the wire, an electric shock or fire

1.7 Cleaning and Maintenance

- The mobile phone, battery and charger have no waterproof performance, so please DO NOT use them in the environment with a high temperature, such as bathroom, and avoid being damped by rain as well.
- Please use the soft and dry cloth to clean the mobile phone, battery and charger.
- DO NOT use solvents, such as alcohol, thinner or benzene to clean the mobile phone.
- The plug with dirt is most likely to cause contact failure and power down so that the mobile phone can not be recharged. Hence please clean the mobile phone regularly.

1.8 General Precautions

- Mobile phone
- Please use the mobile phone under the temperature ranging from 50C to 400C with a humidity ranging from 35% to 85%.
- When using the mobile phone, keep as far as possible away from the general phone, TV, radio and office automatic equipment so as to avoid affecting the normal performance of the equipment and the mobile phone.
- Battery
- The battery should be left in place where the sunlight shoots from indirect angles and the ventilation is good.
- The service life of the battery is limited. The service time of the battery is shortened with the frequent charging. When it is of no effect to charge for several times, it only means that the battery is exhausted and the mobile phone should be replaced with a new battery of the specified mode.
- DO NOT throw the old battery into the domestic rubbish. Dispose the exhausted battery according to provisions specified by relevant authorities.
- Charger
- DO NOT charge the battery in the places where the sunlight shoots from right angles; the ambient temperature is lower than 50C or higher than 400C; the place is damp or dusty or of too much vibration (failure may occur); the location is near the electronic appliances, such as TV, radio etc.(image or sound may be probably affected)

2 Before Use

2.1 SIM card

Before using the mobile phone, you should insert the valid SIM card, which is the key for you to enter the GSN network.

All the information related to the creation of the connection to the network and initial call records will be recorded in the metal plane area of the SIM card as well as the names, telephone numbers and SMS stored in the phone book on the SIM card. The SIM card can be taken out from your mobile phone and can be placed in any one of the GSM mobile phones for use (the new mobile phone will read the SIM card automatically).

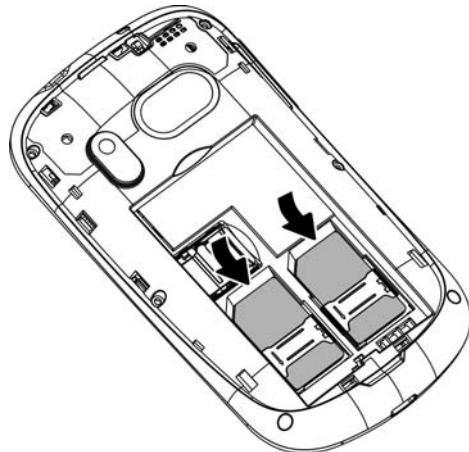
To prevent losing and damaging of the information in the SIM card, please DO NOT touch the metal plane area and the SIM card should be kept far away from electromagnetism. Once the SIM card is damaged, you can not enter into the GSM network.

****Note: Please do power off your mobile phone before pulling out the SIM card. It is forbidden to insert or pull out the SIM card with the mobile phone connected to the external power supply; otherwise, the SIM card is most likely to be damaged.***

2.1.1 Insert and pull out the SIM card

- The SIM card is generally placed in a card. Before installation, take cautions to take out the SIM card.
- Power off your mobile phone and then remove the battery and other external power supply.

- Insert the SIM card into the SIM card slot.
- When you need to pull out your SIM card, please power off your mobile phone firstly, remove the battery, pull out your SIM card

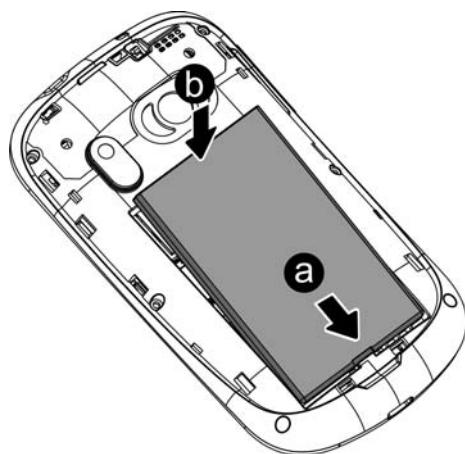


2.2 Battery

- The initial battery is of 50% charge, so it can be used right after being unpacked. The new battery should be charged at least for 14 hours. Only when the initial battery is exhausted thoroughly (the electricity quantity runs out and the mobile phone can not power on) can the battery be fully recharged for use, so does the second time charging. Only when recycled for three times in this way can the battery works in the best condition easily.

2.2.1 Pull out and install the battery

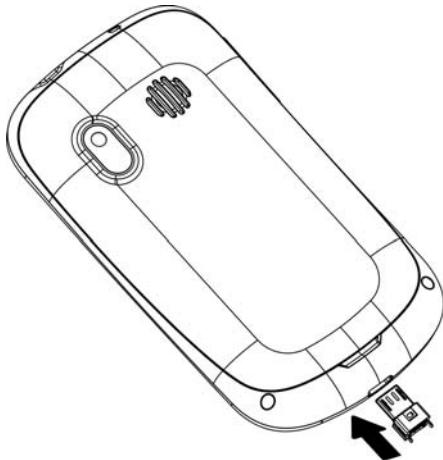
- Follow the following steps to pull out the battery: ① Push down the back cover; ② Pull the battery upwards and get it out.
- Follow the following steps to install the battery: ①Insert the battery into the battery slot; ②Push the back cover upwards until it is held tightly.



2.2.2 Charge the Battery

- Connect the batter charger to a power supply;

- Insert the plug of the battery charger into the right side of the mobile phone (note: with arrow face upwards).
- Then the power quantity indicator in the upper right corner of the mobile phone screen will flicker. If the phone has been powered off, the screen will display “charging” and this indicates that the battery is being charged. If the phone is still in use despite of lack of power, the power indicator may take some time to appear on the screen.
- If the power indicator is full and stops to flicker, this means that the charge has been finished. This process often takes 3 to 4 hours. It is normal that, during charge, the battery, mobile phone and battery charger become hot.
- After the charge is completed, please disconnect the AC power supply socket and the mobile phone with the battery charger.



***Note:**

--During the charge, the handset should be placed where the ventilation is good and the temperature is between $+5^{\circ}\text{C}$ to $+40^{\circ}\text{C}$. In addition, you should use the charger provided by the manufacturer, for the unauthenticated chargers may cause danger and disobey the recognition and maintenance clauses of this mobile phone.

--When your mobile phone automatically powers off or displays the warning of “Low Power”, you should charge the battery in time. In case the battery has not run out before charge, the mobile phone will shorten the charge time automatically.

--The standby time and call time provided by the manufacturer is based on the ideal working environment. During the practical use, the battery’s service time changes with the network condition, working environment and use mode used.

--Before charging the battery, please make sure that the battery is properly inserted and it is forbidden to take it down during charging. .

--When charge is over, please disconnect the charger with the mobile phone and the battery.

If you do not disconnect the charger with the power supply and the mobile phone, after a long time (about 5 to 8 hours), the power of the battery will drop to a certain level and the mobile phone will resume charge once again. We do not recommend you to do so, for this will affect the performance and service life of the battery.

--This mobile phone does not support USB port, so you can not connect your mobile phone with PC through USB, it just use to charging the battery.

2.3 Power on

- Long press Hang Up key to power on the mobile phone and also long press the Hang Up key to power off your mobile phone.
- If you power on the mobile phone without inserting the SIM card, the mobile phone will prompt you to insert the SIM card. After the SIM card is inserted, the mobile phone will automatically check whether the SIM card is ready

for use or not.

- Then the screen will give the following prompts:
 - -Input PIN (If you have set password for SIM card) (Please refer to the section 4.8.5. “security settings” for detail operations)
 - -Input the mobile phone’s password (if you have set the lock-code) (Please refer to the section 4.8.5. “security settings” for detail operations)
 - When the SIM card is successfully decoded, the mobile phone will automatically search the available network (the screen displays “search network”)
 - Once established connection, the name of the network supplier will appear on the top of the screen. This means that the mobile phone is in “standby” mode and it is available for used.

***Note: If the screen prompts “Emergency”, this means that you are out of the normal network scope (service scope), but you can still make the emergency call according to the signal intensity.**

2.4 The use of USB data route

The method of using USB data route: Input one of the port into the computer, and then input the other port to the phone, after that you can transfer the data between the computer and the phone. When you are charging, the icon for the charge is moving. If the charging is finished, the icon will stop moving. You can use the phone as a U disk after the phone power off.

The phone supports the USB, you can copy and move the file between the phone and the computer after you link the USB with the computer. You can view the information in the T-Flash card.

***Note :**

--Please power off the phone before you connect the phone with the computer, after the phone connecting up, you will find information of the USB on the computer, and then you can read the file into my computer. If there is not information, you must check your phone’s USB port and insert it again.

--If you connect the phone with computer when the phone is powering on, there are three items displaying on the phone, you should select the “mass storage”, and then you can copy or move the file between the phone and the computer.

--After that, you need double click the USB icon in the right corner of the computer, and then select “stop”, now you can withdraw the USB from the computer and the phone. DO not withdraw the USB from the computer directly, or the date in the T-flash card will be lost, and it can also damage the phone.

You must do it on the computer which is the Windows2000 or SP2.

2.5 Install and pull out T-flash card

This mobile phone supports T-flash card, which is a kind of multimedia memory card used to increase memory of the mobile phone. It is so small that you should take cautions to install or pull it out in order to avoid damage. The method to install/ pull out T-flash card:

1. Power off the mobile phone, set memory card with the metal face downward to the memory card slot.

To pull out the memory card, power off the mobile phone, take out the T-flash.



***Note: The mobile phone does not support hot-plug function of T-FLASH in “power on” mode. Only when the mobile phone is powered off can T-FLASH be pulled out. Restart up and T-FLASH will come into effect.**

When using or editing files stored in the memory card, DO NOT pull out the memory card.

3 Basic Description

3.1 About the Keypads

3.1.1 Basic Keys

Name	Functions
Center key	Enter the main menu interface
Right soft key	Enter the phonebook; carry out the corresponding operations displayed on the right bottom of the screen.
left soft key	Enter the main menu interface; carry out the corresponding operations displayed on the left bottom of the screen.
SIM1 Send key	Answer, dial, receive calls for SIM1
SIM2 Send key	Answer, dial, receive calls for SIM2
End key	Short press: return to standby interface in any mode Long press: Power off(Power on in power off state)
Home key	Go to the main menu.
MSM key	To enter the SMS menu, can write, view, delete, set the SMS and other operations.
Numeric keys	0 Long press: Lock screen and the unlock screen.
	1 Short press: go to number input screen and input number 1 Long press: Call voicemail.
	2~9 Short press: go to number input interface and input numbers 2~9.
	*
	Short press: go to number input screen and shift input *
#	Short press: go to number input screen and input #

Note: In this manual, “short press” a key means press then quickly release the key; “long press” a key means

press the key and hold for not less than 2 seconds

3.2 Call functions

- When the logo of the network service provider appears on the screen, you then may make or answer a call. The info bar implicates the signal intensity on the top left screen (the 4-scale info bar means the signal is the strongest).
- Call quality performs variedly under the influence of the obstacles. Therefore the movement in a small scope may improve the signal intensity effectively.

3.2.1 Make a call

- Domestic call:
- You can input the telephone number via numeric keys to input the telephone number you want. Press the dial key. If you need to change the telephone number, press the right soft key to delete the inputted characters. During the dialing, the screen will display a “dialing” cartoon. The screen will display the call status information. If the answering tone is switched on, there will be a warning tone.
- When the call ends, please press Hand-up key to end the call.
- zone code + dial number + Dial key
- Dial the extension to a fixed phone:
 - Because some of the extensions to the fixed phones can not be got through directly, you need to dial the switchboard and then the extension to the fixed phone. When you input the telephone number, if insert character “P” between the switchboard number and the extension number, the mobile phone will complete all the dialing for you, i.e. automatically dial the extension and get through. Input character “P” as below: Long press “*” key (“P” will appear on the screen).
- Zone code+ switchboard number+ P + extension number + dial key
- International call:
 - To make an international call, long press “*”key until the international long distance call prefix symbol “+”appears on the screen. This allows you dial in any country even if you do not know the local international call prefix (e.g. it is 00 in China).
 - After the prefix is input, enter the zone code of the country you want and the complete dial number. The zone code is usually subject to conventions, 49 for Germany, 44 for U.K. and 46 for Sweden, etc.
 - Like dialing a long distance call, “0” in the city code should be dropped when dialing.
 - E.g. To dial the service hot line of other countries, you should dial:
 - +86 21 114
 - +country code+ the complete dial number+ dial key
 - Emergency call
 - If your mobile phone is within the network coverage (you can check the network signal intensity bar on the top left corner of the screen), you will be able to make an emergency call (the emergency call can be made without the SIM card). If the network supplier provides no roaming service in the region, “Emergency Call” will appear on the screen to tell you that you can only make this kind of calls.

3.2.2 Answer a call

- In a normal condition, when there is an incoming call, press the dial key to answer the call.
- If the “any key for answer” is set on, then you can press any key to answer the call.
- If the handset is inserted, you can also press the keys on the handset to answer a call. If it is not convenient, you can set “auto answer” to on and make sure that the handset is inserted. The call will be automatically got through after two seconds’ ringing or vibration.

3.2.3 Reject a call

- When there is an incoming call, press Hang-Up key to reject the call.

3.2.4 Menu available during a call

- During a call, you can press Option key to enter call menu. The operation method of the call menu is the same with that of the function menu.
- The call menu can only be seen during a call. Besides, functions, such as call waiting, holding on a call, and multiparty meeting, need to be supported by the network. Please contact with your network provider.
- In the call menu, you can do the operations as follows:
 - Hold single call: hold on the current call or restore the held call.
 - End single call: end the current call.
 - New call: make a new call.
 - Phonebook: enter the phone book menu.
 - Messaging: enter the Message menu.
 - Sound recorder: record the call voice.
 - Mute: do not send/ restore sending of local voice.
 - DTMF: Enable or disable DTMF (dual-tone multi-frequency).
 - Multiparty conversation
 - Swap: switch the holder with activator
 - Conference: start a telephone meeting.
 - End Single call: end the currently activated call.
 - End all calls: end all calls of the conference.
 - Transfer: transfer current call to another mobile phone.
 - New call: make a new call.
 - Phonebook: enter the phone book menu.
 - Messages: enter the Message menu.
 - Sound recorder: record the call voice.
 - Mute: do not send/ restore sending of local voice.
 - DTMF: Enable or disable DTMF (dual-tone multi-frequency).

**Note. Some of the menus only appear in the specific circumstances, e.g. “Swap” only appears “during a call” and “hang up” call.*

3.3 Hand-free function

- When you make a call, press the Right Soft Key to have a Hand-Free call.

4 Menu Introduction

4.1 Phone book

- You may make full use of phone book to store some name, mobile phone number, family number, company number and so on. Please choose “phone book” from main menu, and then enter it.

-----Quick search: choose this option to enter into the phone book browse interface. On the lower part of the screen there is a search box, and you can input relevant information to filter the telephone record. You can press “#” to switch the search method.

*** Note: You can save up to 500 telephone numbers in mobile phone and 200 numbers in SIM (depends on the capacity of SIM card).**

You can see the following options in phone book detailed:

- View: view the details of the contact.
- Send text message: edit text message and send it to this number.
- Send multimedia message: edit multimedia message and send it to this number.
- Call: call this number.
- Edit: edit this number and then save it to phone book.
- Delete: choose this function to delete the contact.
- Copy: Copy the contact.
- Move: Move the contact.
- Send business card: Transmission business card via SMS, MMS, Bluetooth, three ways.
- Add to Blacklist: Add the number to blacklist.
- Mark several: Can mark multiple contacts, send text messages, send a business card, delete functions.
- Phonebook backup: The necessary contacts in the SIM card or phone backed up to the T-card, you can also import from the T-card backup contact.
- Phonebook settings:

-----Preferred storage: choose the priority for the storage location- the mobile SIM1 or SIM2 or phone or All.

-----Speed dial: set quick dial. In standby interface, press and hold corresponding number key and you can call the specified number.

-----My number: Choose this option to edit or transfer detailed data of the record user.

-----Extra numbers: You can set your phone number, fixed dialing, SOS number (This feature requires operator support).

-----Memory status: Choose this option to check the phonebook information in the SIM card and in the mobile phone

-----Copy contacts: copy all the records in the mobile phone or the SIM card: both SIM card to mobile phone and phone to SIM card are workable.

-----Move contacts: move all the records in the mobile phone or the SIM card : both SIM card to mobile phone and phone to SIM card are workable

-----Delete all contacts: choose this function to delete phone record all from SIM card or mobile phone. One by one delete available too(note: must enter password to delete all when deleting phone number in SIM card and this

mobile phone, default password is 1122).

4.2 Messaging

The message services can only be used if they are supported by your network or your service provider and you have subscribed to them. Also appropriate settings need to be in place.

****Note: When sending messages, your phone may display the words Message sent. This is an indication that the message has been sent by your device to the message centre number programmed into your device. This is not an indication that the message has been received at the intended destination. For more details about messaging services, check with your service provider.***

4.2.1 Write message

➤ Text message

- ❖ First input the contents of the short message, and insert special marks when the punctuation simulation keypad is activated (all punctuation marks are available when the input method of capital and small letters is selected).
- ❖ Select “Option” and carry out the following operations:
- ❖ Send to: Enter number or Add from phonebook. Can add multiple recipients here.
- ❖ Input method: change input method.
- ❖ Advanced: Insert number, Insert name from the phonebook or Insert bookmark from WAP bookmark
- ❖ Save: By SIM1 or SIM2; save the sms to SIM1 or SIM2.

➤ Multimedia message

With this option, you can edit new multimedia message. However, you need to input the receiver, copy, Bcc, subject and contents;

- ❖ To, CC and BCC: you can input the telephone number or email address via numeric keys;
- ❖ Subject: edit the subject for the multimedia message;
- ❖ Contents: Edit the contents of the multimedia message. During the edition, you can select different input methods via options, and you can also select to insert pictures, sound, movies or other attached files;
- ❖ After editing the multimedia message, with the screen prompts, you can select “Done” to send the multimedia message. The operations include: Send Only, Save and Send, Save to Drafts, Send Options, Exit
-----Save and Send: save the current multimedia message into the outbox while sending;
-----Save to Draft: save directly the current multimedia message into draft without sending;
-----Send Options: select to set Validity period, Delivery report, read report, and priority;
-----Exit: remind you if you want to exit the current multimedia message after saving.

If you choose to save, then the current multimedia message will be saved into the draft box.

4.2.2. Inbox

➤ View received messages . When the messages list of Inbox appears, you can press OK to read the message. You can press Option to perform the following operations.

- Reply: reply the sender.
- Call sender: call the number of the sender.

- Forward: forward this message.
- Delete: delete this message.
- Use number: pick up the numbers with 3 or more digits in the messages. You can call these numbers, send message to them, or save them in Contacts.
- Advanced
 - ❖ Use URL: pick up the web address in the message and connect to it.
 - ❖ Use USSD: pick up the numbers with 1 or 2 digits in the messages.
 - ❖ Copy to phone/SIM: copy this message to phone or SIM card.
 - ❖ Move to phone/SIM: move this message to phone or SIM card.
- Press Option to perform the following operations.
 - View: View the details of the message.
 - Reply: reply the sender with SIM1 or SIM2.
 - Call sender: call the number of the sender.
 - Forward: forward this message with SIM1 or SIM2.
 - Delete: delete this message.
 - Delete all: delete all the messages in Inbox.
 - Save to Phonebook: Choose the number of the message to Phonebook.
 - Mark several: Select one or more messages to be labeled
- Mark: Press OK to mark the message. You can press Option to perform the following operations.
 - ❖ Delete: delete the message marked.
 - ❖ Copy to phone/SIM: copy the message marked to mobile phone or SIM card.
 - ❖ Move to phone/SIM: move the message marked to mobile phone or SIM card.
 - ❖ Unmark: cancel the message marked.
 - ❖ Mark all: Select all messages to be labeled.
 - ❖ Unmark all: cancel all messages to be labeled.
- Mark all: select all messages to be labeled.
 - ❖ Delete: delete the message marked.
 - ❖ Unmark: cancel the message to be labeled.
 - ❖ Unmark all: cancel all messages to be labeled.
 - Advanced:
 - ❖ Copy to phone/SIM: copy this message to mobile phone or SIM card.
 - ❖ Move to phone/SIM: move this message to mobile phone or SIM card.
 - ❖ Copy all: copy all the messages saved in SIM card or mobile phone.
 - ❖ Move all: move all the messages saved in SIM card or mobile phone.
 - Delete same number message: Delete all message with same number.
 - Add to sms black list: Add the number to message black list.

4.2.3 Drafts

- Save messages which will be sent later. When the messages list of Drafts appears, you can press OK to read the message. You can press Option to perform the following operations:
 - Send: send the message.
 - Edit: pick up and edit the contents of the message.
 - Delete: delete the message.

-----Advanced:

- ❖ Use number: pick up the numbers with 3 or more digits in the messages. You can call these numbers, send message to them, or save them in Contacts.
- ❖ Use URL: pick up the web address in the message and connect to it.
- ❖ Use USSD: pick up the numbers with 1 or 2 digits in the messages.
- ❖ Copy to SIM / phone: copy this message to mobile phone or SIM card.
- ❖ Move to SIM / phone: move this message to mobile phone or SIM card.

➤ Press Option to perform the following operations.

- View: View the details of the message.
- Send: add contact send this message.
- Edit: pick up and edit the contents of the message.
- Delete: delete the message.
- Delete all: delete all the messages in Drafts.
- Mark several: Select one or more messages, and mark.

➤ Mark: Press OK to mark the message. You can press Option to perform the following operations

- ❖ Delete: delete the message marked.
- ❖ Copy to phone/SIM: copy the message marked to mobile phone or SIM card.
- ❖ Move to phone/SIM: move the message marked to mobile phone or SIM card.
- ❖ Unmark: cancel the message marked.
- ❖ Mark all: Select all messages to be labeled.
- ❖ Unmark all: cancel all messages to be labeled.

➤ Mark all: select all messages to be labeled.

- ❖ Delete: delete the mark message.
- ❖ Unmark: cancel the message marked.
- ❖ Unmark all: cancel all messages to be labeled.

-----Advanced:

- ❖ Copy to phone/SIM: copy this message to mobile phone or SIM card.
- ❖ Move to phone/SIM: move this message to mobile phone or SIM card.
- ❖ Copy all: copy all the messages saved in SIM card or mobile phone.
- ❖ Move all: move all the messages saved in SIM card or mobile phone.

4.2.4 Outbox

➤ View sent messages. When the messages list in Outbox appears.

➤ You can press OK to read the messages. You can press Option to perform the following operations:

-----Forward: forward this message.

-----Delete: delete the message.

-----Delete all: delete all the messages in Outbox.

----- Advanced:

- ❖ Use number: pick up the numbers with 3 or more digits in the messages. You can call these numbers, send message to them, or save them in Contacts.
- ❖ Use URL: pick up the web address in the message and connect to it.
- ❖ Use USSD: pick up the numbers with 1 or 2 digits in the messages.
- ❖ Copy to SIM / phone: copy this message to mobile phone or SIM card.

- ❖ Move to SIM / phone: move this message to mobile phone or SIM card.
- ❖ Press Option to perform the following operations.
 - View: View the details of the message.
 - Forward: forward this message.
 - Delete: delete the message.
 - Delete all: delete all the messages in Drafts.
 - Mark several: Select one or more messages to be labeled.
- Mark: Press OK to mark the message. You can press Option to perform the following operations
 - ❖ Delete: delete the mark message.
 - ❖ Copy to phone/SIM: copy the mark message to mobile phone or SIM card.
 - ❖ Move to phone/SIM: move the mark message to mobile phone or SIM card.
 - ❖ Unmark: cancel the message marked.
- Mark all: Select all messages to be labeled.
 - ❖ Unmark all: cancel all messages to be labeled.
 - ❖ Mark all: select all messages to be labeled.
 - ❖ Delete: delete the message marked.
 - ❖ Unmark: cancel the message marked.
 - ❖ Unmark all: cancel all messages to be labeled.
- Advanced:
 - ❖ Copy to phone/SIM: copy this message to mobile phone or SIM card.
 - ❖ Move to phone/SIM: move this message to mobile phone or SIM card.
 - ❖ Copy all: copy all the messages saved in SIM card or mobile phone.
 - ❖ Move all: move all the messages saved in SIM card or mobile phone.

4.2.5 Sent messages

You can access the information has been sent

4.2.6 Delete messages

Following can be selected to delete the Inbox, Drafts, Outbox, Sent Items, or delete all

4.2.7 Broadcast Message

- SIM1 broadcast message.
- Receive and read the messages from SIM1 Cell Broadcast. The functions are as follows:
 - Receive mode: enable/disable receiving cell broadcast.
 - Read message: read the messages you have received from Cell Broadcast.
 - Languages: select language.
 - Channel settings: Set the channel of cell broadcast, including Select, New, Edit and Delete.
- SIM2 broadcast message.
- Receive and read the messages from SIM2 Cell Broadcast. The functions are as follows:
 - Receive mode: enable/disable receiving cell broadcast.

- Read message: read the messages you have received from Cell Broadcast.
- Languages: select language.
- Channel settings: Set the channel of cell broadcast, including Select, New, Edit and Delete.

* ***Note: In Messaging, if you select “SIM1 only”, only items that relate to SIM1 are displayed, e.g. Voicemail, Cell Broadcast; if you select “SIM2 only”, only items that relate to SIM2 are displayed, e.g. SIM2 Voicemail, SIM2 Cell Broadcast., This function needs to be supported by network operator.***

4.2.8 Message settings

4.2.8.1 Text message:

- SIM1
 - Store or modify the number of the SMS center necessary for sending a short message, or get the number from the network operator, or set short message storage time limit. And set the voicemail number.
- SIM2
 - Store or modify the number of the SMS center necessary for sending a short message, or get the number from the network operator, or set short message storage time limit. And set the voicemail number.
- Memory Status
 - Check the percentage of the short messages stored in SIM card and mobile phone in total capacity. The specific capacity is determined according to the contents of short messages, mobile phone and SIM card.
- Save sent message
 - Can be set on / off to save the sent message function.
- Preferred Storage
 - Set the default storage position of short messages (SIM or phone).

4.2.8.2 Multimedia message:

- Data account
 - Set the MMS data account
- Common settings
 - Compose, Sending, Retrieval, Preferred storage, and Memory status.

4.3 Call Center

Call center include the following sub-menus: Call history and General call settings

4.3.1 Call log

In standby mode, press the center key to go to the main menu, and then select the call center to view the phonebook and call log. Or in the standby interface SIM1/SIM2 dial key, to enter into the call log.

In the Call history, select a call log, you can carry out the following operations:

- All calls: view last 20 calls.
- Dialed calls: view last 20 dialed numbers.
- Received calls: view last 20 answered calls.
- Missed calls: view last 20 missed calls.

The call log interface to enter the option to do the following:

- View: view details of call records
- Call: call the number.
- Send text message: edit text message and send it to this number.
- Send multimedia message: edit multimedia message and send it to this number.
- Save to Phonebook: add the record to Phonebook.
- Add to Blacklist: add the number to blacklist.
- Edit before call: edit this number and call it.
- Delete: delete this entry.
- Delete all: delete all call entry.
- Advanced:

----- Call timers: you can view SIM1/SIM2 call times (last call, dialed calls, received calls), and you can reset call.

----- Call cost: you can view SIM1/SIM2 costs (last call cost, total cost), and you can reset cost, and editorial changes max cost. Reset the cost and editing the most cost, you need the PIN2 code.

----- Text msg. Counter: you can view and Reset SIM1/SIM2 SMS sending and receive the number of.

----- GPRS counter: you can view SIM1/SIM2 GPRS data, (last sent, last received, all sent, all received), and you can reset counter.

View the details of the record, including date, calling time, name, number and call times. In details interface, you can press Option to perform following operation on selected record.

- ❖ Call: call this number.
- ❖ Send text message: edit text message and send it to this number.
- ❖ Send multimedia message: edit multimedia message and send it to this number.
- ❖ Save to Phonebook: Add the record to Phonebook.
- ❖ Add to Blacklist: Add this record to Blacklist.
- ❖ Edit before call: edit this number and call it.
- ❖ Delete: delete this entry.

4.3.2 Call settings

Call settings include the following sub-menus: SIM1 call settings and SIM2 call settings and Advanced settings, The specific menu operation is as follows:

➤ SIM1 call settings

----- Caller ID:

- ❖ Set by network: whether sending number or not depends on system default.
- ❖ Hide ID: you can answer calls only. It prompts “Check Network” when you make calls. (Need network support)
- ❖ Send ID: the other party can see your number when you make a call.

----- Call Waiting : select Enable, Disable or Check.

----- Call divert:

- ❖ Divert all voice calls: enable this option and all the incoming calls are diverted to the specified number.

- ❖ Divert if unreachable: enable this option and all the incoming calls are diverted to the specified number if the other party can't dial through your number.
- ❖ Divert if no answer: enable this option and the incoming calls are diverted to the number you set if your mobile phone isn't answered.
- ❖ Divert if busy: enable this option and all the incoming calls are diverted to the specified number when you are busy.
- ❖ Divert all data calls: Transfer if it is data call.(Need network support)
- ❖ Cancel all diverts: cancel all settings of call diverting.

----- **Call barring:** set Call barring.

- ❖ Outgoing calls: bar outgoing calls.
- ❖ Incoming calls: bar incoming calls.
- ❖ Cancel all: cancel barring (need to input the PIN2 code).
- ❖ Change barring password: change the password.

----- **Group list:** set group list.

➤ SIM2 call settings

----- **Caller ID:**

- ❖ Set by network: whether sending number or not depends on system default.
- ❖ Hide ID: you can answer calls only. It prompts “Check Network” when you make calls. (Need network support)
- ❖ Send ID: the other party can see your number when you make a call.

----- **Call waiting:** select Enable, Disable or Check.

----- **Call divert:**

- ❖ Divert all voice calls: enable this option and all the incoming calls are diverted to the specified number.
- ❖ Divert if unreachable: enable this option and all the incoming calls are diverted to the specified number if the other party can't dial through your number.
- ❖ Divert if no answer: enable this option and the incoming calls are diverted to the number you set if your mobile phone isn't answered.
- ❖ Divert if busy: enable this option and all the incoming calls are diverted to the specified number when you are busy.
- ❖ Divert all data calls: Transfer if it is data call.(Need network support)
- ❖ Cancel all diverts: cancel all settings of call diverting.

----- **Call barring:** set Call barring.

- ❖ Outgoing calls: bar outgoing calls.
- ❖ Incoming calls: bar incoming calls.
- ❖ Cancel all: cancel barring (need to input the PIN2 code).
- ❖ Change barring password: change the password.

----- **Group list:** set group list.

➤ Advance settings

-----Blacklist: set Blacklist and save the numbers that you don't want to answer. The incoming call is rejected automatically if it is from the number in the Blacklist.

- ❖ Reject unknown callers: Switch on / off the denial of an unknown caller.
- ❖ Reject number in blacklist: Switch on / off refused to blacklist the number of calls.

- ❖ Blacklist number: set Blacklist and save the numbers that you don't want to answer. (You can save up to 20 telephone numbers in Blacklist)
- Whitelist: set Whitelist and save the numbers ,you will not receive the number of calls outside the white list.
- ❖ Mode: Switch on / off the White List function.
- ❖ Whitelist number: edit to add a white list of numbers. (You can save up to 20 telephone numbers in Whitelist)
- ❖ Set blacklist list: set Blacklist and save the numbers that you don't want to answer. (You can save up to 20)
- Auto redial: enable or disable Auto Redial when the other party is busy or the call isn't answered.
- Call time display: enable or disable Call Time Display in the calling process.
- Call time reminder: enable or disable Call Time Alert (beep) in the calling process and set the alert period.
- Auto quick end: enable or disable this option. If it is enabled, the call ends automatically when it reaches specified time.
- Reject by sms: switch on/off reject the call by sms.
- Answer mode: set any key answering and headset mode automatically answer.

4.4 Internet & Service

4.4.1 Internet service

This machine provides a WAP browser for your convenience of surfing on Internet. You must gain a permit based on a registration at the network operator. The use can be available after related options have been well set.

- Homepage: entering in this menu will link you with the website(s) defaulted by the mobile phone directly.
- Bookmarks: you may save the websites in which you are interested into the bookmarks and edit these bookmarks, or undertake a surfing directly.
- Search or input URL: input a web address and connect to it.
- Last web address: open access to the address of the last page.
- Recent pages: the websites in which the mobile phone has recently logged will be saved into this menu. In such case, you may undertake a surfing by selecting the records in directly.
- Settings
 - Homepage: set access Home mode, default or user defined.
 - Select profile: you can select always ask, SIM1 or SIM2 or WLAN.
 - Data account: before accessing the Internet, you can need to select the data account. SIM1, SIM2 or WLAN.
 - Browser options: set the waiting time to access network and enable/disable picture display.
 - Preferences: you like to browse the web custom parameters.
 - Security settings: view the credibility of management's certificate.
 - Restore browser settings: restore default browser settings.

*** Note: GPRS service needs network support and it is available only when you apply this service and locate in GPRS network coverage.**

4.4.2 Wi-Fi

Open Wi-Fi, the phone will automatically search the surrounding network devices available
Options need to connect the device used, enter the option to carry out the appropriate operation:

- connect: Connecting Wifi devices.

- Add: Manually add a wireless network.
- Define access point: To enter the edit access point.
- WIFI status: View WIFI state.
- Disable WIFI: Disconnect the connection of WIFI.
- Power save mode: Set the power saving modes.
- Refresh: Refresh the WIFI list.

4.4.3 Data account

- Edit:
 - Account name: name of this account. Select Edit to modify.
 - APN: input APN.
 - User Name: account name of dial-up server (not WAP gateway).
 - Password: account password of dial-up server (not WAP gateway).
 - Auth. type: select the encrypting mode of authentication.
 - SIM selection: select SIM1 or SIM2.
 - Advanced settings: on the homepage, connection the type, use proxy, proxy address, proxy port, and proxy the user name, proxy password, primary DNS, secondary DNS, IP address, subnet mask parameters set.
- Add PS account: add new account.
- Delete: delete GPRS account.
- Set as default: restore Default Settings.

4.4.4 STK

Operator-branded area, you can enjoy the various services provided by the operators.

4.5 Multimedia

4.5.1 Camera

This phone is a rear camera, into the camera, press the center key camera in the standby screen press the navigation key. In the camera preview screen, enter the option to do the following:

- Switch to video recorder: switch to the video interface.
- Photos: switch to the photo list.
- Camera Settings: set the parameters of camera.
- Image Settings: set the size and quality of pictures.
- White balance: select the brightness of pictures.
- Scene Mode: select shooting mode.

- Effect Settings: set the special good effect of pictures.
- Storage: select the storage position of pictures.
- Restore default: Restore all camera settings to factory default.

***Note: The camera preview screen, press the 0 key to quickly switch to the video interface, press a button to switch photo size, press the 2 key to switch the picture quality, adjust the white balance, press the 4 key, press the 6 key to set the delay the timer, press the 7 key to set the shooting. Recording the photos stored in the file manager in the H-Photo file folder by default .**

4.5.2 Image Viewer

Save the pictures in mobile phone.

- View: view saved pictures.
- Image information. Information can be found in pictures.
- Browse style: change the view mode of pictures in album, matrix or list.
- Send: send the selected picture to MMS or Bluetooth.
- Use as : send the picture to wallpaper, screen saver, power on display, power off display, caller picture.
- Rename: change the file name of selected picture.
- Delete: delete the selected picture.
- Sort by: sort the pictures in the folder according to name, type, time or size.
- Delete all files: delete all the pictures in Album.
- Storage: change the default path to access and take pictures.

***Note: Phone default picture files in the folder of reading the file under the administration of H-Photo files, It is supports viewing of JPG、GIF、BMP、PNG picture.**

4.5.3 Video Recorder

This mobile phone provides video recording function. Select menu “Video Recorder” and press the Center key to record video.

- Press Option to access:
- Camcorder Settings: select this option to set parameters of recorder.
- Video settings: set the size, quality, time limit reached and record audio of videos.
- White balance: select the brightness of videos.
- Effect Settings: set the special good effect of videos.
- Storage: Save in mobile phone or memory card.
- Restore default: Restore all settings to factory default.

***Note: The default format is 3GP of video recorder. Recorded video is stored in the file manager in the H-Video file folder by default**

4.5.4 Video Player

Play saved video. Available options are:

- Play: play selected video.
- Use as: video files can be set for the animated startup or shutdown animation.

- Send: send the selected video to Contacts or with Bluetooth.
- Rename: change the file name of selected video.
- Delete: delete the selected video.
- Delete all files: delete all the saved video.
- Sort by: sort the video in the folder according to name, type, time, size or none.
- Storage: Select the path to read files: mobile phone or memory card.

***Note: Phone video files default to read the file under the administration of H-Video files in the folder. It is supports playing of 3GP,MP4 files. In the video playback interface, press the + and - keys to adjust the volume, press 3 to switch full-screen playback, long press the left / right navigation key, fast forward / backward playback. You can also enter the option is set to loop playback.**

4.5.5 Audio Player

In the playlist interface, press the left soft key to access the song list, enter the option to do the following:

- Play: play the selected track.
- Details: view the details of the music.
- Add to ring tones: add the selected music to ring tone library of Profiles.
- Refresh list: update the playing list.
- Settings: set multimedia playing.
 1. Pre. Play list: set default access path.
 2. List auto gen.: update list automatically or not when power on.
 3. Repeat: enable this option to repeat playing music.
 4. Shuffle: enable this option to play in random.
 5. Background Play: enable this option and the music won't be stopped if you exit menu.
 6. Lyrics display: set lyrics display.

***Note: Phone default music files in the folder of reading the file under the administration of H-Music files, music player interface, press the navigation key to play a song, press the navigation key to stop playback, press the left navigation key to return to the previous one, press the right navigation key to enter the next song, press the + and - keys to adjust the volume.**

4.5.6 Sound recorder

Into the recording interface, press the record button on the screen recording, press the lower left corner of the Options to enter the menu options to do the following:

- New record: record a new clip of audio.
- List:
 - ❖ Play: play the selected audio.
 - ❖ Append: append new clip of sound to original AMR or AWB audio.
 - ❖ Rename: change the name of selected audio file.
 - ❖ Delete: delete the selected audio file.
 - ❖ Delete all files: delete all sound recording files.
 - ❖ Use us: send the recording to Profiles.
 - ❖ Send: send the recording to MMS or Bluetooth.
- Settings: set the storage position and the file format.

***Note: Recorded audio files are stored in the file manager in the H-Recorder .**

4.5.7 FM radio

The FM Radio supports auto scan and manual input. If the channel you are listening to provides FM radio service, you can check the channel information on the screen. The FM Radio service uses packet data connection (network service).

To use FM Radio service, the following requirements must be satisfied:

- Both the radio channel and network operator supports this service.
- You must define the Internet access point to access the FM Radio service provided by the network operator.
- To input radio channel manually, you need to subscribe FM Radio service and define valid service identity code.

Warning: Adjust the volume properly when you listen to the radio. Continuous high volume may damage your hearing.

You can make or answer a call when you are listening to radio. If the background playing is activated, the FM Radio is off automatically when you are calling and resumes when the call ends. You can also listen to the radio even without a SIM card.

- Switch on/off: in FM Radio interface, press the Down key to switch on/off the FM Radio.
- Scan: FM Radio interface, press the up arrow, and then press the left / right "button, auto scan channels.
- FF/FR: in FM Radio interface, press the Left/Right key to scan channels manually.
- Volume: press “-”and “+” key to adjust the volume.
- In FM Radio interface, press the Left key to access options:
 - Channels List: display the channels list.(Can display up to 30 records).
 - Manual Input: input the identity code of radio channel manually.
 - Auto search: scan radio channels automatically and display the radio channels.
 - Settings: set the background playing and activate/deactivate the speaker.
 - Record: recording radio content.
 - Append: additional recording.
 - File list: enter to view the recorded audio file.

***Note: Recorded audio files are stored in the file manager in the H-Recorder . FM radio interface, according to the search results according to the 1-9 keys to enter the corresponding channels, more than 10 channels, can also press the corresponding channel number to enter.**

4.6 App center

Native to provide Facetalk and Nimbuzz application. The which Facetalk included in Facebook, Twitter, MSN, Yahoo, Skype and other communication tools, for your convenience dating chat.

***Note: Use this feature to generate the GPRS data . GPRS service needs network support and it is available only when you apply this service and locate in GPRS network coverage.**

4.7 TV

Open Analog TV interface, and press the left soft key to enter the TV options menu.

- Set Region: set the country / region of the current location
- Input channel: open the specific channel directly.

- Program list : Show the scanned channels list.
- Scan : To scan the TV channels.
- Full screen: change the current TV screen in to full screen display.

TV interface shortcut keys:

- * key - scan the TV channels
- # key - switch to full screen and normal screen
- 1~9 keys - shortcut to program list
- Up navigation key - increase volume
- Down navigation key - decrease volume
- Left and Right navigation key - change channels

4.8 JAVA

The phone supports JAVA function. The user can download the Java file, copy of the Jar file to your phone for installation.

- Java: view the installed Java program, the left softkey to enter the option to do the following:
 - Launch: start the program.
 - Settings: set the program parameters.
 - Details: view program details.
 - Restore default: restore program default values.
- Java settings: can set the Java Audio Java backlight, Java vibration, select the network to view the memory size.
- Java default security: can set up a third party, do not trust the range to restore the default value, range options.

***Note: Due to program compatibility issues, some JAVA games may be installed can not be normal use, ask the customer to select a resolution of 320* 240 JAVA games download and install.**

4.9 User profiles

You can select different modes on different occasions to carry out the personal settings in the environment modes such as ring tone, vibration, volume, etc. This function makes it possible to get adjusted to different situations without changing the ring tone settings at multiple places, and you only need to switch to the pre-set environment mode.

- General mode: It is ringing alert by default;
- Silent mode: It does not have ringing and vibrating alert
- Meeting mode: It is vibrating alert by default;
- Outdoor mode: It uses the maximum volume, vibration + ringing alert, by default;
- My style mode: You can set your own alert mode.

In every mode, you can edit the following in a separate manner:

- Activate: start the current profile.
- Customize: enter the setting profile parameters:
 - Alert type: 5 manners are available: ringing, vibration, silent, vibration and ringing, and vibration then ringing.

- Ring type: Beep once, Repeat or Ascending.
- SIM1/2 Incoming call: set the tones for incoming calls.
- Ringtone volume: set the incoming ringtone volume.
- SIM1/2 message: set the tones for SIM1/2 message.
- Message volume: set the message tone volume.
- Keypad: set the keypad tone.
- Keypad volume: set the keypad tone volume.
- Power on: set the power on tone.
- Power off: set the power off tone.
- System alert: switch on or off the system alert.

➤ Rest: restore defaults.

4.10 Settings

4.10.1 Dual SIM settings

This mobile phone supports dual-card dual-standby. In dual card mode, you can switch the SIM cards according to requirements.

➤ Dual SIM open
Insert two SIM cards and they both subscribe to GSM network and stand by.

➤ Only SIM1 open
Insert two SIM cards, but only SIM1 is activated and in standby.

➤ Only SIM2 open
Insert two SIM cards, but only SIM2 is activated and in standby.

Note: If two cards are activated, the network names are displayed in two lines with SIM1 network in first line and SIM2 network in second line.

4.10.2 Phone settings

➤ Time and date: Set city, time and date.

----- Set home City: select a city.

----- Set time / Date: set current time and date

----- Set format: set the displaying format of time and date.

----- Update with time zone: enable/disable update with time zone.

➤ Schedule Power on/off: set the time at which the mobile phone powers on/off.

➤ Language: set the displaying language of mobile phone menus.

➤ Preferred Input Methods: select a default input method.

➤ Encoding: select ASCII or Windows-1252 encoding.

➤ Display Characteristic:

----- Wallpaper: select standby interface wallpaper.

----- Screen Saver: choose a screen saver picture for standby interface and set waiting time.

----- Power on display: select a picture for power on.

----- Power off display: select a picture for power off.

----- Show date and Time: enable/disable displaying current time in standby interface.

----- Show operator name: select the operator name to open or close.

----- Show owner number: select SIM owner number on or off.

➤ Dedicated Key: select a shortcut for a function.

➤ Auto update of date and time: enable or disable the auto update of date and time function.

➤ UART settings: select SIM1 or SIM2 UART.

➤ Misc. Settings

----- LCD backlight: set the brightness and time of backlight.

----- MRE VERSION: view the version of MRE.

4.10.3 Network settings

-----Network selection:

✧ New search: re-subscribe to newly scanned network.

✧ Select Network: select network for the SIM card.

✧ Selection Mode: select Manual or Auto.

-----Preferences: Pre-store several networks.

-----GPRS prefer:select Data prefer or Call prefer.

4.10.4 Security settings

You can set up the safety options for your mobile phone via this menu to prevent your mobile phone or SIM card from unauthorized use

➤ SIM1 /SIM2 security :

-----PIN lock: You can set on / off the SIM card lock. (the PIN code can prevent your SIM card from illegal operation. If the PIN code is disabled, select Enable and you can start PIN code protection. The mobile phone asks you to input the PIN code the next time you switch on the phone. If the PIN code is enabled, select Disable and you can stop PIN code protection.)

-----Change PIN: select Change PIN code and you can set new PIN code. Please input old PIN code, new PIN code and repeat new PIN code according to the prompt.

-----Change PIN2: select Change PIN2 code and you can set new PIN2 code. Please input old PIN2 code, new PIN2 code and repeat new PIN2 code according to the prompt.

***Note: If you input invalid PIN code for three times continuously, the SIM card is locked and you need the PUK code to unlock the SIM card. The PIN code and PUK code may be provided together with SIM card. Please contact your network operator if not.**

➤ Phone security:

Phone lock can prevent your mobile phone from illegal operation. If this function is enabled, you need to enter phone password every time you turn on the mobile phone, then you can unlock the phone and make or answer a call.

You can clear mobile phone password, but illegal operation can't be prevented in this case.

***Note: The default phone lock password is 1122. Please change into your own private password as soon as possible. If you have forgotten your mobile phone password, please contact your distributor or local authorized service center to unlock your mobile phone.**

➤ Mobile tracker:

-----Status: set the functional status of open or closed.

-----Security number: set up a security number, this number must be able to receive SMS phone number.

-----Sent items: set to send the type of information.

-----Help: View Feature Description.

***Note: Into this function will need to enter the phone password, the handset original password is: 1122 .**

➤ Privacy lock:

Can be set on / off (contacts, information centers, call centers, document management) menu of the privacy features can also customize the password.

***Note: Into this function will need to enter the phone password, the handset original password is: 1122 .**

➤ Auto Keypad Lock:

Set the waiting time of keypad lock. After setting, the keypad is locked automatically if the mobile phone hasn't been used in specified time

➤ Certificate manager: View and manage certificates.

***Note: Certain functions need to be supported by network operator.**

4.10.5 Connectivity

Set on / off data services.

4.10.6 Restore factory settings

Restore the functions of mobile phone to default.

***Note: The default phone password is 1122.**

4.10.7 Shortcuts

- Quick list of features, go to the menu do the following:
- Add: add the function menu.
- Edit: edit the list of features.
- Delete: delete the list of menu.
- Delete all: remove all menus from the list.
- Change order: change the list of menu order.

4.11 Organizer

4.11.1 Bluetooth

This mobile phone supports Bluetooth wireless connection. You can establish wireless connection between mobile phone and Bluetooth hands-free vehicle communication device, computer or handheld device to realize voice communication, data exchange and synchronization. Available options are:

- Power: activate/deactivate Bluetooth function.

- Visibility: enable/disable the authority of Bluetooth being searched.
- My Device: display current and ever connected Bluetooth devices.
- Search audio device: search for peripheral Bluetooth devices and connect.
- My name: change the name of Bluetooth device of this mobile phone
- Advanced:
 - Audio Path: change the output device of audio.
 - Storage: save received files in mobile phone or T-flash card.
 - My address: view the address of this mobile phone.

4.11.2 Calendar

Access the Calendar submenu.

Press the Left/Right key to select date, press the Up/Down key to select week and press Option to access submenus.

- View: view the created memos.
- View all: View all the created memos.
- Add event: create new memo.
- Delete event: Delete the created memos.
- Jump to Date: jump to specified date.
- Go to today: view the calendar in today.
- Go to weekly view: view the calendar in week (month).

4.11.3 Tasks

Add task: create a new agenda and add a clock alarm. Five options can be chosen as follows: one time, every day, user-define, each week and each month.

- View: view the saved tasks.
- Add :
 - Start time: prompt time of memo.
 - End time: end time of memo.
 - Subject: contents displayed on screen when prompt.
 - Alarm: activate/deactivate alarm clock.
 - Repeat:
 1. Once: this memo prompts only once.
 2. Everyday: alarm at specified time everyday.
 3. Custom: set the time that the alarm rings in a week.
 4. Weekly: the memo prompts once every week.
 5. Monthly: the memo prompts once every month.
 - Priority: select High, Medium or Low.
 - Details:.
 - Status: select Undone, Done.
- Edit: edit the saved memo.
- Delete: delete one selected memo.
- Delete overdue: delete overdue memos.
- Delete All: delete all saved memos.

- Jump to date: jump to specified date.
- View uncompleted: view uncompleted mission.
- Send vcalendar: send selected memo to another mobile phone or save it in another position.
- Save as file: save to phone or memory card.

4.11.4 Alarm

The machine can be set 5 groups of alarm clock:

- Switch: activate/deactivate the alarm clock.
- Time: set the time of ringing.
- Repeat:
 - Once: the clock alarms only once.
 - Everyday: alarm at specified time everyday.
 - Custom: set the time that the alarm rings in a week.
- Alarm tone: select ring tone or FM radio as the alarm.
- Snooze (mins): set the snooze time.
- Alert type: select the alarm mode, e.g. Vibrator and Ring, Ring, Vibrator.

4.11.5 World clock

You can look up the time of major cities around the world and set the time as your display time of your device. Press direction keys to view the time of major cities in other countries.

4.11.6 Notes

You can add, edit, and delete notes.

4.11.7 Calculator

Press the Direction keys to input the four operators +, -, ×, ÷.

Press the Right soft key to clear last number or result; press the Right soft key “Back” to exit calculator and press the Left soft key or OK to calculate.

*** Note: The precision of the calculator is limited and there are errors, especially when it is indivisible.**

4.11.8 Stopwatch

It is a timer. Common stopwatch and multi-directional stopwatch are available.

- Typical Stopwatch:
 - Split Timing: record the time of every circle or every person.
 - Lap Timing: record the circle time of a person.
 - View record: view the recorded time.
- nWay Stopwatch: you can press the Direction keys to record the time of four persons and the total time. When the

timing is stopped, press and hold the Left soft key to clear the records

4.11.9 Ebook reader

The phone supports e-book, the default path for the file manager in the H-Ebook file folder.

- Open E-Book: open and view the E-Book file.
- Clean up bookshelf: refresh the bookshelf.
- Global settings: set the font size etc. in the file.
- Book info: view the heading and size of the file.
- Delete: delete the current E-Book file.
- Delete all file: delete all the E-book file.
- Sort by: sort the file according to the date, size or the style.
- Apply global settings: apply the global setting.
- Help: help you to use the E-Book reader.

4.11.10 Unit converter

Weight and length of the unit conversion. Including kg <-> pounds to kg <-> ounces; km <-> miles, m <-> yard, m <-> foot, cm <-> inch, press the down navigation key to move the cursor, enter your desired the figures calculated to determine the conversion results can be obtained.

4.11.11 Currency converter

Use this feature, and exchange rates.

Enter the exchange rate conversion interface, enter the exchange rate.

The conversion interface, the selected ratio of the switch bar, touch-screen click the left and right arrows to switch to choose their own currency and foreign currency rate.

In the national currency enter the figures.

Press <OK> in the foreign currency column will display the conversion results.

4.11.12 Games

This mobile phone provides two game—Puzzle,Magic Sushi,Refer to the instructions in the game for operation.

Games Settings:

- BGM: enable/disable background music of the game.
- Sound Effect: enable/disable game operation music.
- Vibration: enable/disable game vibration.
- Volume: Set the volume of the games.

4.12 File manager

➤ Application Functions

- Open: display the contents in the folder.
- New Folder: create a new folder in current folder.
- Format: format the folder.
- Rename: change the name of file or folder.
- Delete: delete file or folder.
- Sort by: sort files or folders.

➤ Folder Functions

- Audio: default storage path of record audio you have taken.
- My Music: default storage path of mp3 you have taken.
- Videos: default storage path of videos.
- Images: default storage path of images.
- Photos: default storage path of photos you have taken.
- E-book: default storage path of e-books you have taken
- Received: default storage path of document you have received.

5 Operation Instructions on Chinese and English Input

Letter Input Method

This mobile phone provides two kinds of input methods, i.e. capital letter input, and lowercase input. What this letter input method differs from the Intelligent English Input Method is that it has no association function. However, you may input the needed letters by pressing keys for multiple times continuously. A corresponding letter will be input by pressing a key once. For instance, press keys of 2 and 3, “A” and “D” will be input; press the key 2 continuously, you will be asked to select among “A”, “B”, “C”, and “2”.

Note: This mobile phone provides input methods for capitalized, small English letters and multi- input method.

Other language Letters

You can press # key to change the different language input methods.

Numeric Input Method

Input the corresponding numbers under such input method by pressing the figure keys.

6 Common Problems.

6.1 When the mobile phone displays “Insert SIM”?

1. Contact between SIM card and mobile phone is bad or the SIM card is not inserted.
2. Change the SIM card and try again. The SIM card may have fault if the mobile phone operates normally. Please contact

your network operator.

3. If there is oxidation on the surface of SIM card or SIM card slot of the mobile phone, please wipe with alcohol or clean cloth.
4. Please contact ××× Service Center or ××× Maintenance Department if the above methods are invalid.

6.2 Checking and precautions of PIN, PIN2, PUK, PUK2 and password:

1. Please consult local network operator.
2. The SIM card is locked if you input invalid PIN code for three times continuously.
3. Please consult SIM card operator for PUK code.

6.3 Network connection fails

1. The signals in your local place are weak or have shielding. Please move to other places and try again.
2. Please contact ××× Service Center or ××× Maintenance Department to do phone test.

6.4 You can't be heard

1. Make sure whether it is network problem and try again.
2. The communication lines in some places are bad. Please move to other places and try again.
3. The trunk line of network operator is bad.
4. Please contact ××× Service Center or ××× Maintenance Department if the above methods are invalid.

6.5 Can't charge the battery

1. The contact between charger and mobile phone is bad. Make sure whether the installation is proper.
2. Check whether the battery is valid. The battery performance drops after several years.

6.6 Weak signal

1. If the local network signals are unstable, the signals the mobile phone receives won't be stable. Please move to other places and try again.
2. Please contact ××× Service Center or ××× Maintenance Department if the above method is invalid.

6.7 Can't make a call

1. The local network signals are weak and please move to places with strong signals and try again.
2. Local network operator is busy. Please try again later.
3. Check whether Hide Number is enabled. You can't make a call if the local network operator doesn't support this function and you have enabled it.

4. Please contact ××× Service Center or ××× Maintenance Department if the above methods are invalid.

6.8 Standby time becomes short

1. The standby duration depends on the intensity of local network signal.
2. It is affected by environment temperature, base station distance, etc.

Appendix

Abbreviation and Explanation

GSM	Global System for Mobile Communications
GPRS	General Packet Radio Service
SMS	Short Messaging Service
SMS-CB	SMS Cell Broadcast
WAP	Wireless Application Protocol
FDN	Fixed Dial Number
SIM	Subscriber Identity Module
PC	Personal Computer
PIN	Personal Identification Number. Usually refer to PIN1. It is provided with SIM card and the code to access SIM card.
PIN2	Personal Identification Number 2. Provided by network operator. It is used for special functions, e.g. SIM supported FDN.
PUK	Personal Unlock Key. Provided along with SIM card. It is used to unlock the SIM card if you input invalid PIN code for three times continuously, or used to change PIN code.
PUK2	Personal Unlock Key 2. Provided along with specific SIM card and is used to change or enable PIN2.
IMEI	International Mobile Equipment Identity. It is made up of 15-digit number and one mobile phone corresponds to one unique IMEI.
MCC	Mobile Country Code, e.g. 460 for China (mainland).
MNC	Mobile Network Code, e.g. 00 for CMCC and 01 for China Unicom.
Call Waiting	It is a network service that you can answer a call without ending current call. Different from multi-party conference, you can only talk to one party at the same time.
Call Diverting	It is a network service that you can divert the incoming calls to specified number. The options include All Call, If not Available, If not Answered, If Busy, and Transfer All Data Calls.

Roaming

Use the mobile phone beyond the home network. It includes international roaming and domestic roaming, while it refers to international roaming in this manual.

STK

SIM Tool Kit. It is new GSM service, which provides you flexible information, including stocks, traffic and weather. The functions of STK depend on the network operator. This service needs the support of SIM card and network operator.

Dual Card Mode

The mobile terminal supports two GSM SIM cards and the cards subscribe to network simultaneously and stand by at the same time.

FCC RF EXPOSURE INFORMATION:

WARNING!! Read this information before using your phone

In August 1986 the Federal Communications Commission (FCC) of the United States with its action in Report and order FCC 96-326 adopted an updated safety standard for human exposure to radio frequency (RF) electromagnetic energy emitted by FCC regulated transmitters. Those guidelines are consistent with the safety standard previously set by both U.S. and international standards bodies. The design of this phone complies with the FCC guidelines and these international standards. Use only the supplied or an approved antenna. Unauthorized antennas modifications, or attachments could impair call quality, damage the phone, or result in violation of FCC regulations. Do not use the phone with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result. Please contact your local dealer for replacement antenna.

BODY-WORN OPERATION:

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

that cannot maintain 1.5cm separation distance between the user's body and the back of the phone, and have not been tested for typical body-worn operations may not comply with FCC RF exposure limits and should be avoided.

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

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

<ANSIC95.1> (1992) / <NCRP Report 86> (1986) / <ICIMIRP> (1996)

Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the ANSI Standard (C95.1). Nevertheless, we recommend that you use a hands-free kit with your phone (such as an earpiece or headset) to avoid potential exposure to RF energy. The design of your phone complies with the FCC guidelines (and those standards).

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and may violate FCC regulations.

NORMAL POSITION:

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

TIPS ON EFFICIENT OPERATION:

For your phone to operate most efficiently:

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

RF Exposure Information:

FCC RF Exposure requirements: The highest SAR value reported under this standard during product certification for use next to the body with the minimum separation distance of 1.5cm is 0.327W/kg, next to the head is 0.676W/kg. This transmitter must not be collocated or operating in conjunction with any other antenna or transmitter.

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

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

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

Ad Hoc function is supported but not able to operate on non-US frequencies.---WIFI

Do not use the device with the environment which below minimum -10°C or maximum over 50, the device may not work.

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