1 Basic Information

1.1 Brief Introduction

Thank you for selecting our GSM/GPRS digital mobile phone. You can fully understand the usage of this phone and enjoy the sound functions and simple operation way after reading this manual. This color screen mobile phone is designed for GSM/GPRS network environment. Besides basic call functions, it also provides you with numerous functions, including dual-card mode, Chinese & English input method, handwriting input, name card holder phone book, personalized incoming call rings and images, 64 channel music rings, SMS and MMS, chatting, shooting, video camera function, MP3, video player, radio recording, all music box, FM radio, alarm clock, calculator, into power management, On/Off, calendar, stock manager, memo, world time, incoming call show, T-Flash, GPRS network, STK, keypad lock, etc. Additionally, it often offers personalized human-friendly interface and satisfy your different requirements with sound function design.

This color screen mobile phone conforms to GSM/GPRS technical code and has passed all the mandatory tests and regulations as well as the relevant international standards. This phone has passed all the relevant tests and has been certified by the relevant authorities. This phone is not equipped with all the functions and features described in this User Manual. Each phone is available in different versions and countries; therefore, not all features and functions may be available due to local laws and regulations.

One company reserves the right to change the product manual without any further notification.

1.2 Safety Instruction

- Please remember all contact numbers with your phone and SIM card once your phone is lost or stolen, as this can avoid economic loss resulting from fraudulent use.

- You can change the SIM card code of the phone by dialing the code on the back of the phone. You can see it by disassembling the battery of the phone to contact Telecom Service or distribution agency. Please write down the code and keep it in safe for future requirement.

- In order to protect your phone against unauthorized use, please take some precautions, for example:
  
  - Set SIM code of the phone and SIM card, and change the code quickly before others know it.
  - Do not put the phone in visible places when you get out of the car. You'd better carry it with yourself or put it in travel bag.
  - Seat belt adopting.

1.3 Safety Alert and Precaution

In order to ensure to use the phone safely and correctly, please read the precautions below carefully before your use.

1.3.1 General Precaution

- Your phone is only allowed to use battery and charger approved by our company, or else it can cause battery leakage, overheat, explosion and fire.

- Do not bend, vibrations or throw the phone heavily to avoid malfunction and fire.

- Do not put the battery, phone and charger to microwave oven or high-pressure equipment, or else, it can cause such accidents as circuit damage and fire.

- Do not put the phone to places with high temperature, high humidity or heavy dust, or else, it can cause malfunction.

- Please keep the phone out of the reach of children to avoid personal injury as children may consider it so.

- Do not put the phone on uneven or unstable platform, or it may drop and cause failure or damage.

1.3.2 Precaution for the use of phone

- Please switch off the phone in hospitals, on the plane or in places where mobile phone is forbidden, to avoid any interference to the normal operation of medical electronic equipment or medical instruments. Please follow relevant regulations in this place when you use the phone. Please check the Alarm Clock Settings and confirm if the phone will switch on automatically when you are on the plane or the plane has automatic power on function.

- Do not use the phone in places with weak signal or near electronic equipment with high precision. The interference of radio waves may cause the fault operation of equipment and other problems. Please be cautious when using the phone near the following equipment: hearing aids, heart pacemakers, other medical electronic equipment, fire detector, automatic gate, and other automatic control devices. As to the influence on the heart pacemaker and other medical electronic equipment, please consult equipment manufacturer or local sales agent.

- Do not knock the liquid crystal display to force or strike something with the display heavily, or else it can cause the damage of liquid crystal panel and liquid leakage. There may be in danger of losing the sight once it contacts with eyes. If in case contact with eyes, flush with plenty of clean water (do not rub the eyes) immediately and go to hospital.

- Do not disassemble or tamper the phone, or else it can cause damage, electric leakage and circuit malfunction.

- Under too few conditions, the phone may have a bad effect on the electronic equipment in some model cars. Then, do not use the phone to avoid the void of warranty.

- Do not press the key with sharp things, like needle, pen head, or it may cause damage or fail operation.
1.3.2 Precaution for the use of battery
- Do not throw the battery into fire, or it may cause the battery to catch fire and explosion.
- Do not press the battery in force when installing it, or it may cause battery leakage, overheating, explosion and fire.
- Do not cause short circuit to the battery with metallic material, like a wire, needle, etc., and do not put the battery with metal pieces, like jewelry, together, as it may cause battery leakage, overheating, explosion and fire.
- Do not weld the ends of battery, or else, it may cause leakage, overheating, explosion and fire.
- There may be the danger of losing the sight once the liquid of battery contacts with eyes. If in case contact with eyes, flush with plenty of clean water (do not rub the eyes) immediately and go to hospital.
- Do not disassemble or tamper the battery, or else it may cause leakage, overheating, explosion and fire.
- Do not use or put the battery near or in places with high temperature, like fire or batter, or else, it may cause battery leakage, overheating, explosion and fire.
- Once there's abnormal phenomena, like temperature increasing, color change, distortion during the usage, charging or save of the battery, please stop using and replace with new battery.
- It may burn the skin once the liquid from battery leaks on skin or clothes, please flush with plenty of clean water immediately and go to hospital at once if necessary.
- Please take the battery away from the fire to avoid fire and explosion once the battery leaks or emits strange smell.
- Do not put the battery exposure to moisture, or else it may cause overheating, flame and corrosion.
- Do not use or place the battery direct under sunlight, or in high temperature places, like near the car, or else, it may cause leakage and overheating, reduce the performance and shorten the lifetime.
- Do not charge the battery for over 24 hours continuously.

1.3.4 Precaution for the use of charger
- Please use 220VAC. It may cause leakage, fire and damage to the phone and charger once other voltage is adopted.
- Do not cause short circuit to the charger, or else it may cause electric shock, fire and damage to the charger.
- Do not use the charger if the power wire is broken, or it may cause fire and electric shock.
- Please remove accumulated dust on the power plug.
- Do not put water container next to the charger, as the spilled water can cause overheat, leakage and malfunction of charger.
- Please disconnect the charger with the power to avoid overheat, fire, electric shock and malfunction in case the charger contacts with water or other liquid.
- Do not disassemble or tamper the charger, or else it may cause personal injury, electric shock, fire and the damage of charger.
- Do not use the charger in places with high humidity, like bathrooms, or else it may cause electric shock, fire and damage of charger.
- Do not touch charger, power cord and power plug with wet hand, or it can cause electric shock.
- Do not put heavy objects on power cord or change the power cord, or it may cause electric shock and fire.
- Please unplug the power socket before cleaning and maintenance.
- Please hold the charger to unplug the socket, it may damage power wire and cause electric shock and fire once pulling the power cord.

1.3.5 Cleaning and maintenance
- As phone, battery and charger don't have waterproof function, so do not use them in places with high humidity, as well as avoid them being wetted by rain.
- Please clean the phone, battery and charger with soft dry cloths.
- Never use alcoholic, thinner or solvents, like benzene, to wipe the phone.
- Dirty socket can cause poor contact and power down, and even recharging isn't available. So, please clean it periodically.

1.3.6 Common Precaution

Mobile Phone:
- Please use the phone under the environment with temperature of 0°C~ 40°C and humidity of 35%~85%.
- Please use the phone far away from regular telephones, TV sets, radio sets and office automation equipment, to avoid affecting the normal use of these equipment and mobile phone.

Battery:
- Place the battery in a dry and ventilated place without direct sunlight.
- The battery has a limited lifetime. The use time of battery will be shortened progressively due to frequent charging. Once the battery is
2.2 Keypad Descriptions:

1. Arrow Keys: 
   - Up Key: Press this Up Key when in editing, and press it to enter Menu/Player under standby status.
   - Down Key: Press this Down Key when in editing, and press it to enter Alarm Clock under standby status.
   - Left Key: Press this Left Key when in editing, and press it to enter Profile under standby status.
   - Right Key: Press this Right Key when in editing, and press it to enter Ringtone Settings under standby status.
   - OK Key: Generally, it is used as confirm key after entering items. You can press this key to enter main menu interface under standby interface and achieve shooting, video recording or pause functions under shooting and video recording interface.

2. Number Key:
   - It's used to key in numbers and characters. Number 2 – 9 can be set as shortcut keys for speed dial.
   - SIM Card 1: It's used to dial phone number through card A, answer incoming calls of card A and card B, and view dialled number records under standby status.
   - SIM Card 2: It's used to dial phone number through card B, answer incoming calls of card A and card B, and view dialled number records under standby status.
   - Right Soft Key: It's used to perform functions displayed in lower right corner on the screen.
   - Left Soft Key: It's used to perform functions displayed in lower left corner on the screen.
   - End Key: It's used to end calls or reject incoming calls. Press this key to return to standby status under other conditions.
   - TV Key: When the TV is on, press this key to enter TV interface.

<table>
<thead>
<tr>
<th>Icon</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1a</td>
<td>Tia</td>
</tr>
<tr>
<td>2a</td>
<td>Represents the strength of network signal.</td>
</tr>
<tr>
<td>3a</td>
<td>Represents that you can use GPRS service.</td>
</tr>
<tr>
<td>4a</td>
<td>Enable vibration function.</td>
</tr>
<tr>
<td>5a</td>
<td>Receive new SMS.</td>
</tr>
<tr>
<td>6a</td>
<td>Receive new MMS.</td>
</tr>
<tr>
<td>7a</td>
<td>Alarm clock is set to On.</td>
</tr>
<tr>
<td>8a</td>
<td>It appears when handset is inserted.</td>
</tr>
</tbody>
</table>
9. *Key:* Press this key to key in all special characters and Chinese characters under editing screen; and long press it to achieve the switch of “+” “-” and “*” under normally interface.

10. *Error:* It's used to switch the input method area under editing screen. Long press it to switch between English mode and general mode under standby interface as well as under dial interface on the touch screen.

Note: "Press certain key" described in this manual represents to press this key and release it; "Long press certain key" represents to long press this key for 2 seconds or over 2 seconds.

The description of every key and certain functions above depend on specific models.

2.3 Touch Screen Function Description

This phone supports touch screen function.

1. The four icons displayed at the bottom of the touch screen has following functions respectively from left to right:
   - Touch the first icon to enter Main Menu.
   - Touch the second icon to enter Message.
   - Touch the third icon to enter Phone Book.
   - Touch the fourth icon to enter Speed Dial function.

2. The five figures displayed on the table screen has following functions respectively from left to right:
   - Touch the first figure to enter Main Menu.
   - Touch the second figure to enter View Phone Book.
   - Touch the third figure to enter Entry Message.
   - Touch the fifth figure to enter Movie Player.

2.4 Battery

Battery under original status can be used after charging by 50% power. The full performance of a new battery is achieved only after the first three complete charge and discharge cycles.

The disassembly and installation of battery:

- Please follow steps below to disassemble the battery: ①Open the back cover of the phone; ②Remove the battery from left; ③Please follow steps below to install the battery: ④Push down the right end of the battery gently; ⑤Close the back cover of the phone.

2.5 Charge for Battery

Connect the charger with power.

Insert the end of the charger into the right side of the phone (Note: the arrowhead shall be upward).

Then, power indication icons on the screen flashes repeatedly. If the phone is switched off during charging, there is power indication icon on the screen, which means that the battery is under charging. If the phone is overcharged under low battery, then charging indication icon will be displayed after the charging has been done for some time.

- If the power indication icon in the upper right corner is fully displayed without flashing, it means the charging is complete. If the phone is switched off during charging, there is image to indicate that the charging is over. This process needs 3 ~ 4 hours. It's normal that the battery, phone and charger will be heated slightly during charging.

- Disconnect the mobile phone and charger with AC electrical plug once the battery is fully charged.

Note:

- Always keep the battery in ventilated place with the temperature from +32°C to +40°C during charging, and make sure to use the charger provided by manufacturer. It may cause damage once unapproved charger is used and it may invalidate any approved or warranty.

- If the phone switches off automatically or there's "Low Battery" displayed on the phone, please charge the battery as quick as possible. The phone will reduce charging time automatically if the battery power isn't used up before charging.

- The duration of standby time and duration of talk time offered by manufacturer are based on ideal working environment. In actual use, however, the working time of battery changes based on network condition, working environment and using way.

- Make sure that the battery is installed properly before charging and it's forbidden to remove the battery during charging.

- Please disconnect the charger and phone with power once charging in over.

- If you don't disconnect the charger with power and phone, the phone begins charging again when the power loss reaches certain extent after over-charging lasts for quite a long time (about 5 ~ 8 hours). We suggest you don't do this, as it will influence the performance and lifetime of the battery.

2.6 Connecting to network

2.6.1 SIM card

Make sure that you've learned available SIM card to the phone before your use. SIM card is the key to enter digital GSM network.

All information related to establishing network, conversion and calling record initiated are saved in serial area in SIM card. Meanwhile, there're other information saved in the SIM card, including name and phone number saved in phone book and SMS. The SIM card can be removed from your phone and inserted to any GSM phone (the new phone will read SIM card automatically).

Never touch metal area the SIM card to avoid information loss or damaging the card. Keep SIM card away from electricity and magnet. You can't enter GSM network once the SIM is broken.

Warning: Do switch off the phone before removing SIM card. It's forbidden
2.4.2 Insertion and Removal of SIM card
SIM card is placed in a card generally, so please take it out carefully before installing it in the phone.
- Switch off the phone and remove the battery and other external power.
- This phone uses dual-card mode, the place of card A and card B is decided by options in menu (please refer to "Settings" for Dual-card Settings). Please follow the photo to insert the SIM card to SIM card holder.
- Once you need to remove the SIM card, please switch off the phone first, disassemble the battery and remove the SIM card from SIM card holder.

2.4.3 Power On and Power Off
Long press End Key to switch on the phone, and long press End Key to switch off the phone.
If you switch on the phone and there’s no SIM card, the phone will prompt you to insert SIM card. The phone will check if the SIM card is available after SIM card is inserted.
Then, prompts below will appear on the screen by one:
Enter PIN1 — It appears if you’ve not the password of SIM card.
Enter phone password — It appears if you’ve not password to unlock the phone.

2.4.4 Unlock of SIM card
SIM card uses PIN1 (personal identity number) code for protection against unauthorized use. You are required to key in PIN1 code to unlock the SIM card every time the phone is switched on once your phone enables this function, then you can make calls or answer incoming calls. Users can also choose to remove SIM card protection (please refer to Section 3.10.6 Security Settings). In this case, the SIM card can’t be protected against unauthorized use.
- Press End Key to switch off the phone.
- Key in PIN1 code, press Right Soft Key to clear incorrect input and press OK to enter. For example, if PIN1 code is set as 1234, then you shall key in 1234.

If incorrect code is keyed in for three times in succession, SIM card will be locked. The phone will require you to key in PUK1 code for unlocking. Please do not key in at random if you don’t know PUK1 code. You shall send SIM card to network operator for assistance. Please refer to Section 3.10.6 Security Settings.
Note: Your network supplier will set a standard PIN1 code (4 to 8 digits) for your SIM card. You shall change the code to your personal password as soon as possible. Please refer to Section 3.10.6 Security Settings for details.

2.4.5 Unlock of the phone
You can set password protection for your phone against unauthorized use. You are required to key in PUK1 code (if you’ve set password protection) to unlock the phone every time the phone is switched on once your phone enables this function, then you can make calls or receive incoming calls. Users can also choose to remove password protection (please refer to Section 3.10.6 Security Settings); in this case, the phone can’t be protected against unauthorized use.
- Key in phone password, press Right Soft Key to clear incorrect input and press OK to enter. For example, if the phone password is set as 1322, then you shall key in 1322.

Please contact your retailer or local authorized maintenance service center to unlock the phone password once you forget it.

2.4.6 Connecting to Network
- The phone will search for available network automatically (Searching for network is displayed on the screen) once the SIM card is unlocked successfully. Name of network supplier will appear on the screen once the phone searches for available network.
Note: If EMERGENCY is displayed on the screen, it means that your phone is out of the normal network coverage, but you can also make emergency calls according to the signal strength.

2.4.7 Dial calls
You’re allowed to make calls or answer incoming calls once name of network supplier appears on the screen. The signal bar in upper left corner represents the strength of network signal. Moving in a small range can improve your calling quality as the calling can be interfered by barriers greatly.

2.4.8 Dial domestic calls
Press number keys to input phone number and press Dial Key to make calls. Please press Right Soft Key to delete characters once the phone number needs to be changed. Dialing situation will be displayed on the screen when dialing. The call status information will be displayed after the recipient answers the phone. There’s an alert tone when the phone gets through (it needs network support) if this function is enabled.
Please press End Key to end the call once it’s over.
Zip code: Phone number Dial key
2.4.9 Dial extensions of fixed phones
Some extensions of fixed phones can’t be got through, and you shall only dial the telephone exchange, and then dial the extension. The phone can finish all dialing and dial the extension automatically when you insert pause character "*" between telephone exchange and extension number.
The way of repeating "P" is to long press * key, then symbol "P" appears on screen.  
Example of the use of pause character.  
For example, if there's a voice mailbox system, which is used through dialing way in 880000 number, the number of mailbox is 6666 and the password is 8888, then you can follow the way below to dial:  
8888000 P 6666 P 8888  
The first part of this number is used to dial voice mailbox.  
It will send 6666 to select mailbox once the phone is answered.  
The second pause character will delay for 5 seconds before password  
8888 is sent out. (the former "P" represents to get through, the latter "P" represents to delay for 5 seconds).  
2.6.18 Dial international calls  
Press "key under standby status till prefix symbol "+" appears on the screen when dialing international calls. It allows you to dial a number in any country once you don't know the international prefix symbol (e.g: it's 0 for China).  
Key in the country code and complete phone number after prefix symbol appears. The country codes follow general practices, the country code of Germany is 49, Britain is 44, Switzerland is 41, etc.  
"+" before the area code shall be removed before dialing, just as dialing interpersonal calls.  
For example, you shall dial like this if you need to dial service hotline from other countries:  
+86 21 114  
+ Country code Complete phone number Dial key  
2.6.11 Dial Call in the List  
Every phone number you dialed and received are saved in a list in the phone, recent dialed and received phone numbers are placed on the top of the list (Please refer to Section 3.9 Call Register). Every phone number is classified based on Dialed Calls, Received Calls and Missed Calls. The phone also provides you with All Phone List for you to view all calling record. Old phone numbers will be deleted automatically once the phone number list is full. Phone follow steps below to view the list:  
Press Dial Key to view dialed calls records.  
All phone numbers in the list can be dialed through Dial Key.  
Press Enter to view details of other phone number list appears. You can press Home to store this number to the phone book after entering.  
2.6.12 Emergency Calls  
You can call emergency services if you are within the network coverage (you can check it by viewing the network signal strength for in the upper left corner). If the network supplier doesn't provide calling service, then "EMERGENCY" appears on the screen, which means you can only call these calls. You can dial emergency calls within the network coverage even if there's no SIM card.  
2.6.13 Answer Calls  
You can press any key to answer the phone once Anykey Answer is set to on, or you shall press Dial Key or Left Soft Key to answer, and then press Left Soft Key again to speak on the phone. You can also press the key on the handset to answer calls once the handset is mounted. However, you can not set Auto Answer to On once it's inconvenient for you to press keys, and the phone answers automatically after vibration & ring or vibration lasts for 5 seconds once the handset is inserted.  
2.6.14 Call Register  
The phone saves the record of your last call and call duration since the phone is used (Please refer to Section 3.9 Call Register).  
2.6.15 Call Menu  
Press Handset to enter handfree function under call status. You can press Options to enter call options. The operation way of call options is the same as the operation way of function menu.  
You can see Call Menu only during calling. Besides, functions like call waiting, call transfer and multiparty conversation, need network support.  
So, please contact your network supplier.  
You can perform following operations under call option menu:  
(Note: As to multiparty conversation, Cord B doesn't support this function.)  
- Pause  
  Keep current call or restore saved call.  
- End  
  End current call.  
- New Call  
  Make a call to a new participant.  
- Phone book  
  Enter phone book to view.  
- SMS  
  Write message and send out the message.  
- Audio Recording  
  Record call voice.  
- Quiet / Restore  
  Do not send (or send) local voice.  
- Dual Tone Multi Frequency  
  Press Left Soft Key to open or close dual tone multi frequency.  
- Handfree  
  Transfer loudspeaker to speak directly.  
(Note: For the operations above, cord B doesn't support Pause / New Call / Audio Recording functions.)  
> You can perform following operations if there's
Answer Call A and Reject Call B.
Highlight call A and select Answer.
Highlight call A and select Reject.
Highlight Call B and select Reject.
Navigate menu and select Options.
Select Reject Call B.
Highlight call B and select Reject.

3 Function Menu

3.1 Use of Function Menu

- Scroll to select functions
- Press or click touch screen to follow prompts to enter or exit from menu under main menu or submenus.
- Exit main menu.
- Generally, you can exit from some main items by pressing Right Soft Key. (the phone supports touch function, you can use touch pen to click small icon in the lower right corner to exit from some menu items.) Press End Key to return to standby interface.

3.2 Structures of Function Menu

The default structure of function menu is as follows after SIM card is inserted and the phone is powered on.

1. Tools
   - 1.1 Write message
   - 1.3 Call history
   - 1.4 SMS settings
   - 2. Calendar
   - 3. Photos
   - 4. Camera
   - 5. Player
   - 6. Notes
   - 7. Mail
     - 7.1 send and receive
     - 7.2 write email
     - 7.3 inbox

7.4 outbound
7.5 sent
7.6 drafts
7.7 clear mailbox
7.8 delete marked emails
7.9 email accounts
7.10 templates
8. New SMS
9. Calculator
10. Map
11. Settings

12.1 Dual SIM settings
12.2 Pen calibration
12.3 Accelerometer settings
12.4 Phone Set up
12.5 Time and Date
12.6 Schedule Power On/Off
12.7 Languages
12.8 Input Method choose
12.9 Prof. Input Method
12.10 Encoding
12.11 Display
12.12-14 Misc. settings
12.14-15 Language settings
12.15-16 Greeting text
12.4-9 Shortcuts
12.4-9 Dedicated key
12.4-11 Auto update of date and time
12.4-12 Handbraking
12.4-13 UART setup
12.4-14 Misc. settings
13. Call log
14. Wallpaper
15. WLAN
16-1. Enable WLAN
16-2. WLAN menu
16-3. Access point settings
16-4. Search for networks
17. JAVA
16-1. JAVA
16-2. JAVA default security
17.1 JAVA Menu
17.2 JAVA settings
17.3 JAVA settings
17.4 JAVA settings
17.5 JAVA settings
18. Chat
18-1. Chat room 1
18-2. Chat room 2
19. Music and Game
19-1. JAVA
19-2. JAVA settings
3.4.1 New Message
When you receive a SMS, the phone will sound the vibration (if it has been turned on) or the prompt tone (if the prompt tone function has been turned on), and the screen will display the information. If you don't want to read it immediately, it will display the prompt that have new message in the standby interface, and will save this message into SIM card automatically. The number of SMS (including the received and locally stored SMS) that can be saved in SIM card depends on the capacity of SIM card.
To read the new message, you can take the following operations: enter the inbox sub-menu, and press OK to read the new SMS.

3.4.2 Create Message
SMS network service allows you to send the text message to the other phones that can receive messages.
Please confirm that you have set the Short Messaging Service Center Number before sending message. (please see "Message Setting").

- Enter Create Message sub-menu to input SMS (please see chapter 4.2 "Instructions on Input Method").
  - Finish: Selecting this option indicates that this message has been completed completely, and it can enter the operation of the next step.
  - Common Phrase: Insert the preset common phrases in this SMS.
  - Insert Object: Insert the picture, ring and animation etc. in this SMS.
  - Word Format: Define the word format of this SMS.
  - Insert Phone Number: Insert the phone number of the selected entry in the phone book.
  - Insert Name of Phone Book: Insert the name of the selected entry in the phone book.
  - Input Method: Change the input method when editing SMS.

- Select Finish after writing, you can use the touch pen to select Card A Send; Card B Send, Save and Send, Store to Many or Send by Group by scrolling to send this message to other phone numbers.

Card A Send: To send this message, select this option to enter the index edit box, you can touch the number small icon on the lower of the interface to input number, or press Search to provide the phone book, select the number of the receiver from the phone book, and press OK to send.
Card B Send: The same as Card A send, and it will send the edited SMS as the card number of card B.hen.
Save and Send: Store this SMS into the outbox at the same time of sending.
Store: Don't send this SMS and store it into the outbox.
Send to Many: Send this SMS to the multiple phone numbers.

Send by Group: Send a group, and send this SMS to all the members of this group.
Note: The Short Messaging Service Center doesn't support the long and short message with over 80 Chinese characters (or 160 English characters) in some cities and areas.

3.4.3 View Received Messages and Saved Messages
- Enter the inbox sub-menus to view the received SMS, enter the outbox, to view the SMS that have been stored in the SIM card.
- It will display the message receiving date and time and the number or name of the receiver when viewing the message list of the inbox (when the number exists in the phone book).
- It can select the previous message or the next message when viewing the message list.
- It can press OK to read the details of the message when apporing the message list of the inboxes. It can take the following operations by option at this time:
  - Reply: Send SMS to the number of the current SMS.
  - Delete: Delete the current SMS.
  - Edit: Extract the content of the SMS, and enter the edit box.
  - Forward: Forward this SMS.
  - Copy to Phone (Copy to SIM Card): Copy the current SMS on SIM card (or the phone) to the phone (or SIM card) to store.
  - Move to Phone (Move to SIM Card): Move the current SMS on SIM card (or the phone) to the phone (or SIM card) to store.
  - Chat: Enter the chat menu to chat by SMS.
  - Delete All: Delete all the SMS in the inbox.
  - Copy All: There are two available copy ways of From SIM Card and From Phone.
  - Move All: There are two available copy ways of From SIM Card and From Phone.
  - Use Number: Extract the phone number of the sender of the SMS, and you can dial it or save it into the phone book.
  - Store Items: Extract the object in the SMS to take storage (only effective for SMS).

- It can press OK to read the details of the message when apporing the message list of the outboxes. It can take the following operations by option at this time:
  - Send: Send this SMS. You can select Card A Send, Card B Send, Send to Many and Send by Group to send this SMS to many persons.
  - Edit: Extract the content of the current SMS to take edit.
3.4 Operations of Common Phone

It can write some comment sentences in the common phrases, to avoid inputting repeatedly when sending SMS. You can select to edit or delete after finishing setting.

3.4.1 Message Settings
You need to take the necessary settings before using the function of SMS.

- Enter the Message Settings sub-menu:
  - Mode Setting: Select an appropriate mode for the SMS of the phone. Enter to the individual mode to take the settings for the corresponding name, Short Messaging Service Center Number, effective term and sending format.
  - Status Setting: Set whether to turn on the message report or reply path.
  - Capacity Inquiry: View the space occupying state of the mailbox in SIM card or the phone.
  - Storage Location: Select the phone or SIM card.
  - Message Transmission Setting: The selections for the SMS transmission ways: GPRS Priority, GSM Priority and Only Use GSM.

- Set Short Messaging Service Center Number: Please contact your network supplier to get the number of Short Messaging Service Center. For example, the one Short Messaging Service Center Number of China Mobile in Shanghai is +8613800210000. The detailed operations are: select any mode setting in the Message Settings sub-menu, input your Short Messaging Service Center Number in the second item, and press OK to save the settings.

- Status Report: If you have set the message report to On, the Short Messaging Service Center will send the status report back when the receiver has received your SMS or has not received it due to some reasons. You can know whether the receiver has received your SMS conveniently.

Note: The realization of this function needs to be supported by the operator.

3.4.2 SMS

- Create Message: Create a SMS message. You need to fill in receiver, copy, BCC, subject and content.

- Inbox: View the received multimedia messages. (The detailed operations are the same as the ones for the inbox of SMS)
  - View: View the current SMS.
  - Message Details: View the details of the current SMS.
  - Extract Number: Extract the number of the sender (phone or dial).
  - SMS Reply: Send a SMS to the sender of the MMS.
  - SMS Report: Reply the sender in SMS.
  - Forward: Forward the current MMS to others.
  - Delete: Delete the current SMS.
  - Delete All: Delete all the contents in the inbox.

- Outbox: Store the SMS that have not been sent successfully. (The detailed operations are the same as the ones for the outbox of SMS)
  - View: View the current SMS.
  - Message Details: View the details of the current SMS.
  - Edit: Edit the current SMS.
  - Send: Send the current SMS.
  - Delete: Delete the current SMS.
  - Delete All: Delete all the contents in the outbox.

- Draft Box: It can save the edited but not sent SMS here.
  - View: View the content of the current MMS.
  - Message Details: View the details of the current MMS.
  - Edit: Edit the current MMS.
  - Send: Send the current MMS.
  - Delete: Delete the current MMS.
  - Delete All: Delete all the contents in the draft box.

- Sent Items: Store the messages that have been sent successfully.
  - View: View the sent SMS.
  - Message Details: View the details of the current SMS.
  - Forward: Forward the current MMS to others.
  - Delete: Delete the current MMS.
  - Delete All: Delete all the contents in the sent items.

- Settings: Set the relative parameters of SMS sending and receiving.
  - Sending Setting: Some relative parameters settings on SMS sending. For example, Widen Use Time, Send Report, Read Report, Priority, Interval and Sending Time etc.
  - Receiving Setting: Some relative parameter settings during
MMS receiving. For example, Main Network, Roaming Network, Send Read Report and Allowed to Send Report etc.
- Filter Setting: Filter some MMS.
- Network Setting: Select the appropriate server.
- Storage Space: View the capacity information of the MMS.
- Storage Setting: The MMS can be stored in the phone or SIM card.

3.6 Chat
...This function is not supported by card B.
- Chatting Room Setting: Select a chatting room, and set the nickname and the concerned phone number who will chat with you.
- Start Chatting: Input the message, and start to chat with the present phone number.

3.7 Voice Mailbox
...This function is not supported by card B.
Your received voice messages will be stored in the network, and you must dial the voice mailbox number in order to listen the message.
- Edit: You can add/delete the voice mailbox number, so that it will be more convenient when using the function of the voice mailbox.
- Connect to Voice Mailbox: Dial the voice mailbox number, and listen the message.

3.8 Call Broadcast
...This function is not supported by card B.
- Receiving Way: Select to turn on the receiving mode, and turn off rejecting receiving the messages of the call broadcast.
- Read Message: Enter this menu to read your incoming call broadcast message.
- Language: Set the language in receiving call broadcast.
- Channel Setting: Set the channel of the call broadcast.

3.9 Call Register
- Missed Calls: Press OK to view the list of the missed calls.
- Dialed Calls, press OK to view the list on the dialed calls.
- Received Calls, press OK to view the list on the received calls.
- In the interface of the lists on the missed calls, dialed calls and received calls, you can press OK to view the details of this record, including date, time, number and dialing number.
- In the details interface, you can take the following operations for the currently selected phone record by option:
  - Delete: Delete this record.
  - Save: Save this number into SIM card or the phone.
  - Dial: Dial this phone number.

Card B Dial: Dial the number by using card B.
Send Message: Send message to this number.
Send Message by Card B: Use the number of card B to send message to this number.
IP Dial by Card A: Use the IP number of card A to dial this number.
IP Dial by Card B: Use the IP number of card B to dial this number.
Edit: Edit this phone number and save it into the phone book.
Send MMS: Send MMS to this number.

3.10 Delete Call Register
There are 4 sub-menus to Delete Call Register:
- Missed Calls, Dialed Calls, Received Calls and Delete All.
The user can select to clear a certain call list, and select Delete All to delete all the record lists in the call register.

3.11 Call Duration
There are 4 sub-menus in Call Duration: Last Call Duration, Dialed Calls’ Duration and Received Calls’ Duration and Clear Timers.
- Last Call Duration: View the duration value of the last call.
- Dialed Calls’ Duration: View the total duration value of the dialed calls.
- Received Calls’ Duration: View the total duration value of the received calls.
- Clear Timers: Clear the data in the timing statistics, and start to time again.

3.12 Call Costs
It can store the accumulated cost of the calls by Call Costs.
- Last Call Cost: Enter the Last Call Cost sub-menu, and view the last call cost.
- Cost Summary: Enter the Cost Summary sub-menu, and view the accumulated call costs.

3.13 Clear Cost
Enter PIN2 code to clear the cost calculator, and start to cost again.

3.14 Charge Restriction
Enter the Charge Restriction sub-menu to view, change or cancel this function.

3.15 Price and Cost Rate
Enter the Price and Cost Rate sub-menu to view, change or cancel this function.

Note: You need to input PIN2 code for some operations, please contact your network supplier to get this password.

3.16 Message Counter
unsuitable, and the phone will transfer the incoming call to your set number when the other party cannot contact you.
- **Transfer on no answer:** After turning on Transfer on no answer, and the phone will transfer the incoming call to your set number when no answer.
- **Transfer on busy:** After turning on Transfer on busy, and the phone will transfer the incoming call to your set number when busy.
- **Transfer all data calls:** When the incoming call is a data call, and the phone will transfer it automatically.
- **Cancel Transfer:** Cancel all the call transfer.

- **Call Barring:**
  - **Outgoing Calls Barring:** Restrict the outgoing calls.
  - **Incoming Calls Barring:** Restrict the incoming calls.
  - **Cancel Barring:** Cancel the call barring (required to input the password).
  - **Change Password:** Change the password.

- **Line Switch:**
  - Note: Card B is only available for line 1.
  - Select line 1 or line 2.

- **Call Duration Prompt:**
  - Note: This function is not supported by card B.
  - The phone will sound the prompt tone when reaching to the time after setting the frequency.
  - **Call Duration Display:** Display the call duration.
  - **Auto Redial**
    - Note: This function is not supported by card B.
    - The phone will redial automatically for every unsuccessful calling after turning on Auto Redial.
  - **Turn off Group:** Turn off the group function.
  - **IP Dial:** Set and turn on this item, and it can realize the IP dial function by the number records in the phone book.
  - **Blacklist:** The numbers listed in the blacklist will be shielded.

Note: Some functions need to be supported by the network operator.

### 3.10.4 Dual Card Settings

- **Auto Tearing on Card B:** Select to turn on or off the functions of card B.
- **Turn on/off Card B:** Select to turn on or off the functions of card B.

(For example "Off", when the phone is on, which display card B even if you have inserted it in the location of card A, and the realized functions are the same as the ones of card (card A).)

Note: If you only use one SIM card, please insert the holder of card A preferentially, to ensure you can enjoy the individual functions of this phone completely; if you set the SIM card into the holder of card B (in the state of not inserting the card in the holder of card A), the phone will be unable to identify SIM card, so that you shall consider using the holder of card A first. If you need to exchange the main card and card B, please exchange the locations of the dual cards when the phone is off and there is no external power supply.

### 3.10.5 Network Settings

- **Network Selection:**
  - **Research:** Register the network again after pressing OK.
  - **Select Network:** Select the network to register in the network list.
  - **Searching Way:**
    - Auto: Search the network that SIM card belongs to automatically.
    - Manual: Search all the available networks to register manually.

- **Preferred Network:** Pre-select several favorite networks.

- **GPRS Connection:** Connecting ways of GPRS: Connection As Require and Permanent Connection

### 3.10.6 Security Settings

- **SIM Lock:**
  - **Note:** This function is not supported by card B.
  - You can set the security options of the phone under this menu, to avoid the phone or SIM card from being used illegally.
    - **PIN Code**
      - PIN code can prevent your SIM card from being used illegally.
      - If PIN code is off currently, select On to turn on the PIN code protection, and the phone will ask you PIN code when switching on next time; if PIN code is on currently, select Off to turn off the PIN code protection, select Change PIN Code to set the new PIN code, please input the old PIN code, new PIN code and repeatedly input the new PIN code in turn according to the prompt.
    - Note: If the PIN code has been consecutively inputted for three times, SIM card will be locked. At this point, you must unlock SIM card using PUK code. The PIN code and PUK code may be supplied with SIM card in you. If not, please contact the network operator. The default PIN code is 1234. Please change it to your own password as soon as possible.
Phone Lock
The phone lock can prevent your mobile phone used by the other without your permission.
Select Phone Lock to turn on the phone password protection, and the phone will ask you the phone password when switching on next time; press it again to turn off the phone password protection.
Note: The default phone lock password is 1122, and you should change it to your own password as soon as possible.

Keypad Locks Set the waiting time of the keypad lock. The keypad will be locked automatically if the phone has not been used within the specified time in the standby status after being set.

Fixed Dialing:
Note: This function is not supported by card B.
If your SIM card supports the fixed dialing, it can limit the phone to only dial the selected phone numbers. When this function is on, it can only dial the phone numbers in the fixed dialing list or the ones starting with some numbers in the list.
Enter the "Fixed Dialing" sub-menu:
- Mode: Turn on or off the fixed dialing function (required to input the PIN code).
- Fixed Dialing List: Input the phone numbers for fixed dialing.
Note: Turning the Fixed Dialing function on or off requires you to input PIN2 code. Please contact your network operator to obtain PIN2 code. After the Fixed Dialing is on, the numbers in the Fixed Dialing will be displayed after entering the name card holder photobook.

Prepaid Dialing:
Note: This function is not supported by card B.
Opposite with the fixed dialing, and you can set Prepaid Dialing for some phone number here.

Change Password: Change the password. Including the change on PPD, PIN2 and the phone password.
Note: Some functions need to be supported by your network operator.

Restore Factory Settings
The default password of master factory settings is 1122.

Sound Effect
Adjust the effect of the sound play. The radio equals available for selection: Normal, Bass, Dance, Classical, High, Banquet, Pop and Rock.

Multimedia
The functions including in this item are: All Music Box, Camera, Album, Video Camera, Animation Player, Music Player, Recording, Custom Ring and E-book.

TV
Functions of TV
Camera
Your phone has been equipped with the function of camera, and you can press the small shooting key in the central on the lower of the screen to shoot. Press the individual small scene in the view finding interface of shooting to set the following, such as shooting size, photo quality, shooting mode, continuous shooting setting, delay-shoot and special effect setting etc.
You can also enter the settings of the relative items by option.
Enter the following by option:
- To Album: Enter the album.
- Camera Settings: Settings for some relative parameters on shooting.
- Scene Switch: Switch between scene 1 and scene 2.
- Photo Settings: Settings of photo size and photo quality.
- White Balance: It can set the color of the illumination for the photo.
- Profile Mode: It can set the shooting mode.
- Special Effect Settings: Set the style of view finding.
- Frame: Select a picture box for the photo.
- Storage Path: Select to store the photo into the phone or the memory card.
- Restore Default Settings: Set it to Restore to Default Settings.

Note: In the view finding interface of shooting, press the corresponding number keys to set the settings for the appropriate image effect, and can also touch the certain position on the touch screen to take settings.

Album
Enter the album to take the settings for the photo, such as browse, send, deleted and rename etc.

Video Camera
Your phone provides the function of the video recording, select the Video Camera menu to enter it, and press Rocker key to enter the recording.
Note: For the models supporting the touch screen function, pressing the red round button on the lower of the screen to realize recording. Press "-" keys to adjust the brightness of the recording, and press "+" keys to adjust the focus of the recording.
Enter the following by option:
- To Player: Select this menu to enter the video player, and it can play the just recorded video.
- Video Camera Settings: Select this menu to enter the settings of some relative parameters of the video camera.
- Film Settings: The settings of the relative parameters of film size, format and recording time etc.
- Scene Switch: Switch scene 1 or scene 2.
- Special Effect Settings: You can select a special effect for this recording.
- Storage Path: Select to store into the phone or the memory card.
- Restore Default Settings: Restore all the settings to the default values.

Note: In the recording interface, press the corresponding number keys to take the settings for the appropriate image effect.

3.1.1.6 Video Player:
- Enter the video play.
- Enter the following by option.
- Pause: Pause the currently selected file.
- Resume: Resume the currently selected file.
- Delete: Delete the currently selected file.
- Delete All Files: Delete all the current archives.
- Storage Path: View the storage location of the file (can be stored into the phone or the memory card).
- Note: The default file name of the video player is Video (the phone or the memory card).

3.1.1.7 Music Player:
- Select Music Player to enter the mp3 play interface. The functions of the individual keys are as following:
- Upper Key: Play/pause the current music.
- Lower Key: Stop playing.
- Left Key: Select the previous song.
- Right Key: Select the next song.
- The song displaying on the lower side of the music player across List and Back. It can also select "Option" under the list to enter the functions of View, Details, Add into Ring Library and Settings etc.
- Note: Explanation.
- Play: Play the currently selected song.
- Details: View the details of the song.
- Add into Ring Library: Set the current song into the ring store.
- Update Play List: Update the music in the ring library.

Note: It can realize the following functions for the models supporting the touch screen functions:
- Instructions on Touch Keys: "+" and "-" symbols indicate the volume up and volume down.
- ▶ and ◅ pressing the two symbols indicate that turn to/0ff the music player and pause.

- 3.1.1.8 FM Radio
- Pressing this symbol indicates that replay the music.
- Measure: Press the two symbols to switch to the previous song and the next song respectively.
- Settings: Take the settings for the multimedia play.
- 1. List: The phone space or the memory card space.
- 2. Auto Generating List: Select to turn on or off.
- 3. Repeat: Turn on this option to replay song.
- 4. Random: Turn on this option, and the songs will play at random.
- 5. Background Play: Turn on this option, and the music will not stop with the menu exit.
- 6. Equalizer: Turn on this option, and it can switch among the music effects.
- 7. Energy Display Style: Turn on this option, and it can display the energy style in mp3 play.
- 8. Lyrics Display: It will display lyric when playing mp3 after turning on this option, and it will not display the lyric if turning off it.

Note: The default file name of the music player is My music (the phone or the memory card).

3.1.1.8 Audio Recording
- Select this option to take audio recording. Select the following options to enter:
- Audio Recording: Record a new voice.
- Play: Play the currently selected audio recording.
- Rename: Rename a new audio recording on the base of the original not audio recording.
- Delete: Delete the current audio recording file.
- Delete All: Delete all the audio recording files.
- Settings: Set the audio recording format.
- Send: Send the current audio recording to the profile mode or MSIS or Bluetooth.

3.1.1.9 FM Radio
- It can use the FM radio only after inserting the handset.
- Enter the FM Radio play interface, and it will display the following words on the lower side of the FM radio screen: Option and Back. Select "Option" to enter the functions of Channel List, Manual Input, Auto Search and set and Settings.
- Note Explanation:
- Channel List: Channel list of the FM radio, press "Option" key to Edit and Play the current channel. (It can move up to 30 channels at once).
- Manual Input: You can input any favorite channel of the FM radio.
Auto Search and Set: Select this option to search channel automatically and generate the list.
- Instructions on Iron Function:
  - Search: Search channel. (press upper navigation key to switch start or stop searching)
  - The second line: Enter the Setting Menu list.
  - Stepsize: Press the two keys to automatically search to the previous channel and the next channel (it can also use the left and right navigation keys to switch among channels).
  - The fifth small line: Press this icon to play or pause the FM radio (Note: pressing the navigation keys can also realize this function).
- "+" and "−" Symbols: It can volume up and down by pressing them.

Settings: Take settings for the FM radio:
- Background Play: Select to turn it on or off, and the music will not stop with the phone exit after turning on this option.
- Appearance: Select the appearance background when playing FM radio.
- Phone Loudspeaker: The FM radio can play owndowns by the loudspeaker after turning on this option.

Note: Press the appropriate number keys in the FM radio interface to enter the corresponding channel.

3.1.10 Custom Ring
Select Add to enter the ring edit interface, press the number keys to edit ring, and it can also click Insert on the soft keypad to insert the music notation, click Edit to edit the ring, and click Play to listen the edited ring.

Click Options in the custom ring edit interface to enter the settings of Play, Play Speed, Select Instrument and Storage.

Note: Explanation:
- Play: Play the currently edited ring.
- Play Speed: Select the speed when playing. (Fast, Normal and Slow).
- Select Instrument: Select an instrument to edit ring.
- Press "Options" to enter the following after saving the custom ring:
  - Play: Play the currently selected ring.
  - Edit: Edit the current ring.
  - Add: Add a customized ring again.
  - Remove: Change the name of the current ring file.
  - Delete: Delete the currently customized ring.

- Delete All Files: Delete all the customized rings.
- Send: Send the ring to Profile Mode, MMS, SMS and Bluetooth.

3.1.11 E-book
The storage location of E-book file is the memory card, and you need to download by USB data line. You can store E-book into the folder name "eBook", and it needs to create a file folder named "eBook" if there is no folder in the memory card.

Enter the E-book cabinet list to select "Option":
- One: It can read the contents of E-book.
- Update: Update the E-book list.
- Setting: It can take the settings for the page display of E-book (including: font, font style, volume page, speed, full speed, encoding way and storage settings etc.).
- Details: View the details of the current E-book.
- Delete: Delete the current E-book.
- Delete All: Delete all the contents in the E-book cabinet list.
- Sorting: Sort the E-book list (by name, type, time and size, or not sort).
- Restore Default Settings: Restore the previous settings to the default values.
- Help: Prompt the help information!

Note: Enter the E-book list, and press the corresponding number keys to set (it can also use the touch pen to click the soft key to set).

3.1.2 File Management
Store the files stored by user (the phone or the memory card). Enter the options of the folder:
- One: Display the contents of this folder.
- Create Material Folder: Create the new material folder in the folder.

Formatting: Format this folder.

3.1.3 Entertainment and Game
Entertainment Bible: This item provides the relative value-added services. For the detailed information of this function, please contact the network operator.

Mobile Phone QQ: The operations are the same as those for Tencent QQ.
Game Player Simulator: This phone supports the simulating game, and this function can be opened by the handle.

Instructions on Game Menu:
- Game List:
  - Display all the files with the extension name is *sea stored onto T-flash card.
- More Games:
It can download *no applications and other games by irap web page etc.

- **Game Settings:**
  - Display Settings: Display the angle of the screen when playing game (60°, 90°, and 120°).
  - Sound Settings: It can simulate the game volume by this setting.
  - Key Settings: The user can custom the keys in operating the simulating games by this setting.
  - Network Settings: Whether to download CMWAP gateway games or use CMMPT sliding under the more game menus, the fees for the two ways are not identical. The supports in the different areas are not same. It needs to consult the local Mobile operator.

**About Game:** Here provides the operating instructions on the simulating game.

**Notes on Using This Game:**

1. **Game Placement Path:**
   - The game running requires the external storage card (such as T-flash card etc.). If there is no T-flash card, it cannot enter the simulating game.
   - It shall place the game file *.nes under Game of T-flash card, otherwise, it will prompt that not find game.

2. **Supporting Type of Game:**
   - It supports the files with the extension name is *.nes, that FC simulates, or called as NES simulator.
   - The size of the game file shall not exceed 500K due to the small memory, and it cannot load the running. Some games with less than 300K may not be loaded due to the game compatibility.

3. **Game Source:**
   - The user can download his own favorite NES games from Internet, and copy them under game directory of the phone to play.

**Game:** This phone provides two games: Rejwediaed and Linklink.

**Game Settings:**

- Game Sound Effect: Turn it on or off.
- Game Vibration: Turn it on or off.

**Subject:** Three background colors available for selection: Amber Orange, Sapphire and Tecknow-grey. When moving the selection bar to the appropriate menu, and you can preview it. Enter the following options:

   - One: Apply the selected background color.
   - Update Frequency: It will use the several background colors in turn within the corresponding time after being set.

### Frequency

- **Set Sequence:** Set the sequence when changing the background color in turn.

### 3.14 Profiles

The user can select the different profiles, meanwhile, and can custom them. This phone provides 6 profiles: General, Meeting, Outdoor, Indoor, Earphone and Bluetooth.

**General**

Here you can select to turn on or off your personal settings.

- **On:** Select Activate to enter the general environment.
- **Personalize:** Select Personalize to custom the general mode. The operating contents include: ring tone settings, vibrator, ringing way, ring type, prompt tone and answering mode.

**Meeting**

The operations are the same as those for General.

**Outdoor**

The operations are the same as those for General.

**Indoor Mode**

The operations are the same as those for General.

**Earphone**

The phone will turn on this mode automatically when inserting the earphone. The operations for Personalize are the same as those for General.

**Bluetooth**

Open the bluetooth earphone and activates the bluetooth of the phone at the same time, and it will turn on this mode automatically. The operations for Personalize are the same as those for General.

### 3.15 Toolbox

This phone provides Calendar, Memo, Alarm Clock, World Time, Incoming Call Show and Stopwatch.

#### 3.15.1 Calendar

Enter the Schedule Management sub-menu, and press OK to display date. Touch the left and right arrow keys on the upper side of the touch screen to select date and month. Pressing the arrow keys directly can also realize this function.

Enter the following sub-menu by option:

- **Schedule:** Create a schedule. Add an alarm remind for it.
  - You can select any one from the five options of Once, Everyday, Custom, Every week and Every month.
  - Once: Indicates that this schedule will be reminded once.
  - Everyday: Indicates that this schedule will be reminded at the same moment every day.
  - Custom: Set the ringing time of the alarm clock within one week.
3.15.2 Memo
This phone can store up to 50 memo messages. Select the memo in the sub-menu, and you can take the following operations for the memo:
- Browse, Add, Edit, Delete Record, Delete All and Send Schedule.

3.15.3 Alarm Clock
This phone can set 5 alarm clocks. Select one alarm clock, and you can edit and set it.

3.15.4 World Time
Touch the screen to select the corresponding time of the individual countries in the world, and press Options to turn on or off Daylight Saving Time in other cities.

3.15.5 Incoming Call Show
Input the number to be inquired, and the phone will display where the number belongs to; it will also display the belonging place of the number in the incoming call interface.

3.15.6 Stopwatch
Realize the functions of the stopwatch:
- **General Stopwatch**
  - **Split Timing**: Press the left soft key to start/stop timing, and press the right soft key to take split timing.
  - **Lap Timing**: Press the left soft key to start/stop timing, which is applicable for recording the test performance with not over 20 persons (e.g., 100m test for one class).
  - **Lap Timing**: Press the left soft key to start/stop timing, which is applicable for recording the performance per lap for one person (such as professional athletes) who is running by lap with long distance, and cannot be more than 20 laps at most.
  - **View Records**: View the saved records in splitting timing and lap timing.
  - **Multi-stopwatch**: The multi-stopwatch has 4 directions, which is controlled by pressing the up, down, left and right arrow keys respectively.

Note: Method for clearing stopwatch: First pause the running stopwatch, long press the left key, and it can clear it to zero.

3.16 Network Service
3.16.1 STK Service
Note: Card B doesn’t support this function.

This function including fixed value-added service of Mobilenet, M-arena and global surf is supplied by network supplier. This function can’t be used if the SIM card and the network supplier don’t support this service. Please contact your network supplier for more information.

3.16.2 WAP
Note: Card B doesn’t support this function.

Your phone supports the service on the base of WAP. You can access the service your network operator supports. You can get the information of news, weather forecast, scheduled flight and so on through this service function list.

Note: GPRS service needs network support, it can only be used after being activated and when it is at the cover area of GPRS network.

- **Home**: log into home. The Home is WAP stations you set in the enabled connection settings. The station preset by the manufacturer will be used if you haven’t set.
- **Bookmark**: display each existing bookmark. You can directly link to the corresponding website after selecting one.
- **Link**: selecting this option you can input any WAP or other websites.
- **Website history**: the websites you have accessed before this record.
- **Settings** set loading internet view.
  - **Network settings**: select viewing network of service.
  - **Cache settings**: the color of character and background color when viewing websites.
  - **Cookie settings**: set the format of viewing websites.
  - **Display settings**: set the format of viewing websites.

Service labels: used to store the messages that service supplier sends.

3.16.3 Account Information
Note: Card B doesn’t support this function.

- **GSM data**:
  - Select one account to enter:
    1. Name: the name of this account. You can select

Note: This phone can store up to 50 memo messages. Select the memo in the sub-menu, and you can take the following operations for the memo:
- Browse, Add, Edit, Delete Record, Delete All and Send Schedule.
A1.3 Exchange Rate Conversion

- Length form: If your bank account holding currency includes banknotes, make sure you input the number of banknotes and the currency type (e.g., USD, EUR, JPY, etc.) into the calculator. If you input a negative value, make sure you use parentheses. If the exchange rate changes, you must re-express the calculation.

- If the bank account includes other currencies, make sure you input the exchange rate for each currency into the calculator. If you input a negative value, make sure you use parentheses. If the exchange rate changes, you must re-express the calculation.

A1.4 Bluetooth

- Bluetooth pairing is the process of connecting devices to the Internet. You can retrieve or scan Bluetooth information through the Bluetooth settings.

- Search Bluetooth devices; the Bluetooth pairing can be started through the Bluetooth settings. Make sure you input the device's Bluetooth information into the calculator. If you input a negative value, make sure you use parentheses. If the Bluetooth pairing information changes, you must re-express the calculation.

- Bluetooth pairing can be terminated after the Bluetooth device can be searched by other Bluetooth devices. If the Bluetooth pairing information changes, you must re-express the calculation.
3.18 Shortcut Function

You can set the shortcut functions you like in this function.
This phone offers shortcut functions. Select Shortcut to enter the settings of shortcut function after opening main menu. The settings method is as follows: select one piece of shortcut function in the main interface of shortcut function, and press the left soft key to enter edit (rename, edit, delete, delete all and so on), then press the left soft key to confirm, then the settings of this piece of shortcut function is finished.

Use shortcut function:
Select settings, phone settings and specific function key in turn, set the function of one arrow key (up key) as shortcut function, and select OK. At standby state, press the up key (the arrow key that has been set with shortcut function) to enter Shortcut. Select corresponding shortcut function to enter it directly.

4 Input Method Instruction

This phone supports Chinese input. The input method supplied to you includes Pinyin input method, smart Pinyin, stroke input method, and Pinyin input method with accent selection. The functions of these input methods are as follows:

- Pinyin input method: press the corresponding key to input a certain character.
- Smart Pinyin: press the corresponding key to input a certain character.
- Stroke input method: press the corresponding key to input a certain character.
- Pinyin input method with accent selection: press the corresponding key to input a certain character.

4.1 Keypad Definitions

Common keypad definitions are as follows. Please refer to section 4.2 for detailed keypad definitions at input method status.

- Left soft key: usually indicates confirmation or exit.
- Right soft key: usually indicates entry.
- * key: you can switch among different input methods.
- # key: you can switch among different input methods.

4.2 Input Method Instruction

4.2.1 Smart Pinyin Input Method

The detailed definitions of the keypad at Smart Pinyin Input Method are as follows:

<table>
<thead>
<tr>
<th>Key</th>
<th>Corresponding letter or function</th>
<th>Instructions</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-9</td>
<td>Numeric key 1</td>
<td>0-9</td>
</tr>
<tr>
<td>0-9</td>
<td>Numeric key 2</td>
<td>0-9</td>
</tr>
<tr>
<td>0-9</td>
<td>Numeric key 3</td>
<td>0-9</td>
</tr>
<tr>
<td>0-9</td>
<td>Numeric key 4</td>
<td>0-9</td>
</tr>
<tr>
<td>0-9</td>
<td>Numeric key 5</td>
<td>0-9</td>
</tr>
<tr>
<td>0-9</td>
<td>Numeric key 6</td>
<td>0-9</td>
</tr>
<tr>
<td>0-9</td>
<td>Numeric key 7</td>
<td>0-9</td>
</tr>
<tr>
<td>0-9</td>
<td>Numeric key 8</td>
<td>0-9</td>
</tr>
<tr>
<td>0-9</td>
<td>Numeric key 9</td>
<td>0-9</td>
</tr>
</tbody>
</table>

- General operation order of Pinyin input method:
  - Input Pinyin input letter: Input Pinyin input letter by numeric keys from 1 to 9.
  - Select Pinyin: select Pinyin by arrow key. Clear the last input pinyin by the right soft key.
  - Select character: select character in the prepared characters and roll the screen until the character you need is displayed on the left soft key.
  - Select associated character: select associated character in the prepared characters and roll the screen until the character you need is displayed on the left soft key.
  - Edit the input character: move the cursor by the arrow keys and delete characters by the right soft key.
  - Switch input method: at top left corner, press # key to switch the input method among English input method, numeric input method, Pinyin input method, and Pinyin input method with accent selection.
  - Symbol input: press the * key to call out symbol input method.
  - Press the left soft key to select words or characters when the words or characters you need occur.
  - Switch input method by # key.
4.2.2 Stroke Input Method

The detailed definitions of the keypad at stroke input method are:

<table>
<thead>
<tr>
<th>Key</th>
<th>Corresponding character or function</th>
<th>Instruction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Numerical 1</td>
<td>Hang</td>
<td>—</td>
</tr>
<tr>
<td>Numerical 2</td>
<td>Sin</td>
<td>1</td>
</tr>
<tr>
<td>Numerical 3</td>
<td>Pie</td>
<td>/</td>
</tr>
<tr>
<td>Numerical 4</td>
<td>Dian, Na</td>
<td>人</td>
</tr>
<tr>
<td>Numerical 5</td>
<td>Henghe</td>
<td>The last Zhu shall be ordained in for multi Zhus, please see attached figure</td>
</tr>
<tr>
<td>Numerical 6</td>
<td>Hazi</td>
<td>The last Zhu shall be referred in for multi Zhus, please see attached figure</td>
</tr>
<tr>
<td>Numerical 7</td>
<td>Niehe</td>
<td>The last Zhu shall be referred in for multi Zhus, please see attached figure</td>
</tr>
<tr>
<td>Numerical 8</td>
<td>The strokes that can’t be confirmed</td>
<td></td>
</tr>
<tr>
<td>Numerical 9</td>
<td>Henghehuai</td>
<td>￥</td>
</tr>
<tr>
<td># key</td>
<td>Used to call out symbols</td>
<td></td>
</tr>
<tr>
<td>* key</td>
<td>Used to switch input methods</td>
<td></td>
</tr>
<tr>
<td>Left soft key</td>
<td>Confirm</td>
<td></td>
</tr>
<tr>
<td>Right soft key</td>
<td>Back</td>
<td></td>
</tr>
<tr>
<td>End up key</td>
<td>Back to standby interface</td>
<td></td>
</tr>
</tbody>
</table>

Attached figure: stroke input method that is the corresponding table of strokes and figures.

---

4.2.3 English and Number Input

The detailed definitions of the keypad at stroke input method are:

<table>
<thead>
<tr>
<th>Note</th>
<th>Corresponding character or function</th>
<th>Instruction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Numerical 1</td>
<td>ABCde2</td>
<td>1</td>
</tr>
<tr>
<td>Numerical 2</td>
<td>DEFgh3</td>
<td></td>
</tr>
<tr>
<td>Numerical 3</td>
<td>GHijkl4</td>
<td></td>
</tr>
<tr>
<td>Numerical 4</td>
<td>KLmnop5</td>
<td></td>
</tr>
<tr>
<td>Numerical 5</td>
<td>MNopqr6</td>
<td></td>
</tr>
<tr>
<td>Numerical 6</td>
<td>PQrs27</td>
<td></td>
</tr>
<tr>
<td>Numerical 7</td>
<td>Tuvw38</td>
<td></td>
</tr>
<tr>
<td>Numerical 8</td>
<td>WXYZ9</td>
<td></td>
</tr>
<tr>
<td>Numerical 9</td>
<td>0 and blank space</td>
<td></td>
</tr>
<tr>
<td># key</td>
<td>Press the * key to call out the symbols</td>
<td></td>
</tr>
<tr>
<td>* key</td>
<td>Switch input methods</td>
<td></td>
</tr>
<tr>
<td>Left arrow key</td>
<td>Move the cursor left</td>
<td></td>
</tr>
<tr>
<td>Right arrow key</td>
<td>Move the cursor right</td>
<td></td>
</tr>
<tr>
<td>Left soft key</td>
<td>Confirm</td>
<td></td>
</tr>
</tbody>
</table>

General operation order of stroke input method:

- Press the corresponding figure key as the standard stroke order of the characters to input the strokes, then the phone will display the prepared characters corresponding to the input strokes. The radicals of Chinese characters can be input with stroke input method, press the left soft key to select the radicals, and press the right soft key to delete the last stroke.
- Select and input the character: look up the prepared characters and press the left soft key to select the character.
- Select the associated character: press the left soft key to select the character.
- Edit the input character: press the right soft key to delete characters.

General operation order of English input method:

- Each key is used to input more than one letter. Quickly press the key repeatedly till the letter you need occurs and input next letter when the cursor moves.
- Switch input method by # key.
- Press 0 key once if you need a blank space at capital or lower case status.
4.2.4 Handwriting Input

Please use the attached touch pen to write characters at the place the phone prompts you to input at character input function. Click the middle at the bottom of the screen by touch pen to switch input methods. ABC represents capital input method, a2z represents lower case input method, 123 represents number input method and PinPnt represents pinyin input method. Dvorak characters can be cleared by right soft key or the touch pen. This phone supports continuous stroke input.

5. T-Flash card Introduction

This phone supports the storage function of T-Flash card and its expanded storage function space. The detailed operations are as follows:

5.1 Takeout and installation of T-Flash card

T-Flash card in this phone is under the battery. Insert it as the mark on it. Please open the card buckle first before pulling out the card then take T-Flash card out. Note: this phone supports plug & play function. While it is recommended to restart the phone after inserting or taking out T-Flash card at power on state to play the information normally. It is recommended not to take out or insert T-Flash card in general condition.

5.2 T-Flash Card Use

As one of the memories in the phone, T-Flash card is set as the default memory. You can use it without doing any settings. T-Flash card is used as the memory of the phone. You should set the default menu of music player, video player, video recorder, camera and recorder as memory card for the first time to insert T-Flash card, then you can use the memory and the content of T-Flash card, (the corresponding settings methods have been mentioned in the relevant functions.) T-Flash card is used as U disk: the data in the computer can be directly copied after USB data line is connected. Please refer to the use of U disk for detailed used methods.

6 Common Faults and Troubleshooting

Please remove the faults the phone happens as the following table

<table>
<thead>
<tr>
<th>Common Fault</th>
<th>Reason</th>
<th>Troubleshooting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Poor reception</td>
<td>Using phone in poor reception area such as the vicinity of high-rise buildings or basement where the radio wave can’t reach.</td>
<td>To avoid it as possible as you can.</td>
</tr>
<tr>
<td>Poor reception</td>
<td>Using phone in the time of dense communication such as work begins time and closing time when the line is in congestion and results in failure of communication.</td>
<td>To avoid it as possible as you can.</td>
</tr>
<tr>
<td>Poor reception</td>
<td>It may be resulted by the distance with network emission base station.</td>
<td>To require your network service supplier to supply service area map.</td>
</tr>
<tr>
<td>Echo or noise</td>
<td>It is resulted by poor network track line, which is a territorial problem.</td>
<td>Retail after calling up, the track line may change a better line.</td>
</tr>
<tr>
<td>Short standby time</td>
<td>The standby time is related with network system settings.</td>
<td>The phone is in poor reception area, please power off it for a while.</td>
</tr>
<tr>
<td>The phone can’t be powered on</td>
<td>It is necessary to change battery.</td>
<td>Change new battery.</td>
</tr>
<tr>
<td>The phone can’t be powered on</td>
<td>The phone will continue to emit to match base station if it can’t receive signal, and then large number of electricity will be consumed, which short the standby time.</td>
<td>Please move to the area with strong signal or power off the phone for a while.</td>
</tr>
<tr>
<td>The electricity is the battery is run out.</td>
<td></td>
<td>View the electricity or charge it.</td>
</tr>
<tr>
<td>SIM card is wrong</td>
<td>The SIM card is damaged.</td>
<td>Please contact your network supplier.</td>
</tr>
<tr>
<td>SIM card is wrong</td>
<td>The SIM card is not installed in normal state.</td>
<td>Please make sure the SIM card has been installed normally.</td>
</tr>
<tr>
<td>There is dirty on the metal surface of the SIM card.</td>
<td></td>
<td>Clean the metal contact point of the SIM card with clean cloth.</td>
</tr>
</tbody>
</table>