

## Contents

<b>1.</b>	<b>Foreword.....</b>	<b>6</b>
<b>2.</b>	<b>Safety Precautions.....</b>	<b>7</b>
<b>3.</b>	<b>Key and Icon Explanations .....</b>	<b>9</b>
3.1	Keys .....	9
3.2	Display Screen.....	10
3.3	Status Icons.....	10
3.4	LCD Backlight .....	11
<b>4.</b>	<b>Quick Introduction.....</b>	<b>11</b>
4.1	Remove the Battery Cover and Insert the SIM Card .....	11
	How To Install .....	11
	SIM Card Precautions: .....	12
4.2	Install the Battery and Battery Cover:.....	12
4.3	Charge/Recharge the Battery.....	12
4.4	Use of Battery.....	13
	Monitoring Battery Power.....	13
	Battery Power Reminder .....	13
4.5	Turn On or Off.....	14
4.6	First Call .....	14
4.7	Use of Password .....	15
	Phone Lock .....	15
	PIN Code .....	15
	PUK Code.....	16
	PIN2 Code .....	16
	PUK2 Code.....	17

	Bar Password .....	17
<b>5.</b>	<b>General Functions .....</b>	<b>17</b>
5.1	Dial a Number .....	17
	International Call: .....	17
	Dial an Extension Number .....	17
	Dial a Number By Use of the Phonebook .....	18
	Re-dial the Last Number .....	18
	Speed Dial: .....	18
5.2	Adjust Volume .....	18
5.3	Answer a Call .....	18
5.4	Option During a Call: .....	19
	Call Waiting .....	19
	Call Holding .....	19
	Answer a Second Call .....	20
	Hold/Swap .....	20
	Mute/Umute .....	20
	Hands-Free .....	20
	Built MPTY: .....	21
5.5	Input Methods .....	21
5.6	Keypad Lock .....	23
<b>6.</b>	<b>Menu Instructions .....</b>	<b>23</b>
6.1	Phonebook .....	23
	Search .....	23
	Create a New Entry .....	24
	Delete .....	24

	Copy .....	25
	Setting .....	25
	Storage Status .....	25
	Speed Dial .....	25
6.2	Short Message .....	25
	Write Message .....	26
	Inbox .....	26
	Outbox .....	27
	Drafts .....	27
	Voice Mail .....	28
	Delete All .....	28
	Check Storage .....	28
	Message Counter .....	28
	Message Setup .....	28
6.3	Call Records .....	29
	Incoming Calls .....	30
	Outgoing Calls .....	30
	Missed Calls .....	30
	Delete .....	30
	Call Duration .....	30
6.4	Settings .....	31
	Display Settings .....	31
	Clock Settings .....	31
	Call Settings .....	32
	Phone Settings .....	32

	Voice Setting .....	33
	Network Settings .....	34
	Factory Default .....	36
6.5	Profiles .....	36
	Standard .....	36
	Conference .....	37
	Outdoor .....	37
	Indoor .....	37
6.6	Tools .....	37
	Calendar .....	37
	Alarm .....	37
	Calculator .....	38
	Stopwatch .....	38
	Flashlight .....	38
6.7	Multimedia .....	39
	MP3 Player .....	39
	FM Radio .....	40
6.8	File Browser .....	41
6.9	Games .....	41
	Tetris .....	41
6.9	Sim Tool Kit .....	42
<b>7.</b>	<b>Extras:.....</b>	<b>42</b>
	7.1 Maintenance .....	42
	7.2 Specification Parameters .....	43
	7.3 Battery Information .....	43

7.4 Disposal of Waste or Worn Battery .....	44
8. FCC RF exposure Information.....	45

## 1. Foreword

Thank you for purchasing this mobile phone. To obtain best performance of your phone, please read this user manual carefully.

This cell phone of the latest mode adopts the advanced technologies .It allows communication signals to shift between the single frequency mode and the dual frequency mode.

This product also offers such functions as Midi ring tone, Message, multiple Alarms, and such games as Tetris, Sudoku and Box Man. Besides, it also provides To Do List, Calculator, Calendar, Stopwatch, FM, Audio Player, Video Player, etc. which all help you ease both your work and life, and allow you to communicate in a more effective and convenient way.

### Important Notices

You are strongly recommended to keep a separate written record of all the important data. The manufacturer assumes no responsibility for any data lost as a result of accidents, improper use, replacement of batteries or any loss incurred by the third party which may arise from the use of this device.

Our company reserves the right of amending the contents in this manual, and owns the right of final interpretation to the contents, as well.

## 2. Safety Precautions



Please read through the following briefings carefully, and act in accordance with these rules, so as to prevent causing any danger or violating any law.



### **Safe driving**

- Do not use the phone when driving. When you have to use the phone, please use the personal hands-free kit.
- Please put the phone safely in the phone stand. Do not put it onto any passenger seat or any place from which it may fall down in case of vehicular collision or emergency braking.



### **Turn off during a flight**

Flight is influenced by interference caused by the phone. It is illegal to use a phone on the airplane. Please turn off your phone during a flight.



### **Turn off the phone when within an area where blasting takes place.**

Be sure to strictly observe the related laws and statutes by turning off the phone when you are within, or in the vicinity of, an area where blasting takes place.



### **Turn off the phone when any dangerous goods are in vicinity**

Please turn off your phone when you are within a gas station or in the vicinity of any place where fuel and chemical preparations, or any other dangerous goods are stored.



### **In hospital**

Please obey the related rules or bylaws of the hospital when using your phone in a hospital. Be sure to turn off your phone when near any medical equipment. Your use of any wireless transmission equipment,

inclusive of the phone, will interfere with any medical equipment that is not protected fully, and other electronic equipment items, too. Should you have any question in this regard, please consult a related physician or medical equipment supplier.



#### **Interference**

Each and every phone's performance may be affected due to radio interference.



#### **Professional service:**

The phone must be installed or repaired by no other personnel than professionals. You are likely to suffer a huge risk when you install or repair this phone by yourself, which also goes against the warranty rules.



#### **Fittings and battery**

You shall use the fittings and battery acknowledged by the phone manufacturer only.



#### **Proper use**

Please use the phone in the normal way. Do not touch the antenna unnecessarily after the phone is turned on.



#### **Emergency call**

You may enter a telephone number (112, etc.) to ask for emergency help after making sure that the phone has been turned on and is in the service status. Press the Send Key to call out, and report your position and introduce what has happened briefly. Do not end the call without authorization.

Note: Like any other phone, this phone's specific features may not be supported by some network whose coverage or wireless signaling is troubled (some network does not support calling for emergency service

by 112, even). Therefore, do not rely wholly on this phone in case of some especial emergency (such as medical first aid, etc.). Please consult your local network operator for verification.

### 3. Key and Icon Explanations

#### 3.1 Keys

This phone has the following keys:

Name	Annotations
Send Key	Dial or answer a call. In Idle mode, press this key to browse the Call History.
End Key	End a call. Long press this key to turn on or off the phone. In the Functions list status, return to Idle mode.
Function soft keys	Left soft key and Right soft key; used to execute the operation as instructed by the words on the last row on the screen
Direction selection key	Used to scroll the functions list in main menu or the items of the Phonebook In Edit mode, move the cursor. In Idle mode, enter a designated function. Used to enter the calculation symbols in Calculator.

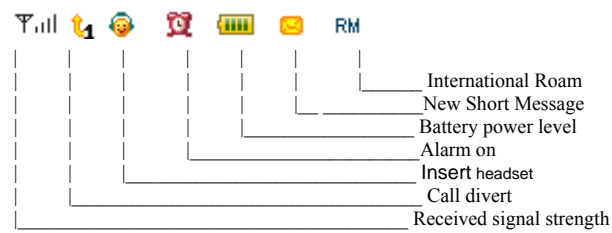
Keypad	<p>Used to input numbers, letters and some characters.</p> <p>In the Edit screen, press # to change the input method; press * to switch to the Symbol interface.</p> <p>In Idle mode, Long press the # key to switch between the current profile and the Conference mode.</p>
--------	---

### 3.2 Display Screen

This phone has only one LCD (master LCD), which comprises three parts:

- 1> Status icons on the top, which shows the signal strength and battery power level, etc.
- 2> Behavioral Text and Graphics Area in the middle, which shows numbers, words and icons.
- 3> Name of the instruction is shown at the bottom.

### 3.3 Status Icons



Ring tone status: 📞 --- Mute

### 3.4 LCD Backlight

The backlight time duration on the display screen and keypad can be set in Settings. If you do not press any key within a certain period of time, the backlight will be turned off automatically when the set time duration expires.

## 4. Quick Introduction

### 4.1 Remove the Battery Cover and Insert the SIM Card

The SIM card stores your phone numbers, PIN (personal identification number), PIN2, PUK (PIN phone unlocking key), PUK2 (PIN2 unlocking key), IMSI (international mobile subscriber identity) codes and network information, as well as Phonebook and SMS (Message service) data, etc.

#### How To Install

1. Put the phone backside up, press the protruding part on the battery cover; push the battery back downward to take it out.
2. Locate the SIM card seat, and push the metal side of the SIM card downward into the seat.

**Note:** The cropped corner of the SIM card shall correspond to that of the mark.

**Note:** When installing the SIM card, make sure the phone is turned off.



and disconnected from other devices such as charger, etc.

#### **SIM Card Precautions:**

- Turn off the phone, and wait a few seconds before pulling out or inserting the SIM card again.
- Handle the SIM card with care, as friction or bending is prone to causing damage on the SIM card.
- When the phone is not in use, please keep the SIM card in a place out of children's reach.
- If a wrong SIM card is inserted or the SIM card is damaged, the screen will display "No SIM Card" after the phone is turned on. Take out the SIM card, check if it has been inserted along the correct route, and then insert it into the phone again.
- If the screen displays "SIM Card Damaged", please forward it to the network operator for repair.

#### **4.2 Install the Battery and Battery Cover:**

1. Take out the battery cover.
2. Aim the metal side of the battery at the metal contact area on the phone (where the battery connector's resilient slide), push the battery into the battery seat.
3. Replace the battery cover, push it up until tight.

#### **4.3 Charge/Recharge the Battery**

1. Put the phone backside up, lift up the soft stopple in the charger socket at the bottom of the phone.
2. Connect the charger with the charger socket; **the shape of the plug**



**must be consistent with the socket.**

3. Connect the other end of the charger with the power source.
4. After finishing charging, switch off the power, pull out the plug.

**Notes:**

- If the remaining power in the battery is too low to turn on the phone, you have to charge the phone for a relatively period of time, before the screen resumes its indication of the power in the battery.
- Make sure that the standard voltage and power in your place match with the rated voltage and power of the charger.
- During the charging/recharging period, you may turn on or off the phone.
- Use the battery only for its intended purpose. Never use any charger or battery that is damaged.

## **4.4 Use of Battery**

### **Monitoring Battery Power**

When the battery is low:

- The battery low message displays.
- The empty battery icon blinks.

### **Battery Power Reminder**

- If the battery is not in use for a long time, please charge the battery fully before putting it away.
- The battery can be charged and discharged hundreds of times, but it

will eventually wear out. When the talk and standby times are noticeably shorter than normal, replace the battery.

- If the battery is completely discharged, it may take a few minutes before the charging indicator appears on the display or before any calls can be made.
- Your device is powered by a rechargeable battery. The full performance of a new battery is achieved only after two or three complete charge and discharge cycles.
- If a replacement battery is being used for the first time or if the battery has not been used for a prolonged period, it may be necessary to connect the charger then disconnect and reconnect it to begin charging the battery.

#### **4.5 Turn On or Off**

- 1> Press the End key for a short while, the phone will be turned on. The screen shows a Power-on display.
- 2> Enter the wallpaper screen.
- 3> Enter your phone lock password when you are requested, by the display screen, to do so, and press the Left soft key to confirm.
- 4> Enter your PIN code when you are requested, by the display screen, to do so, and press the Left soft key to confirm.
- 5> Press the End key for a short while, to turn off the phone.

Note: The wallpaper screen is showed on the screen when the phone is turned on and remains in idle mode.

#### **4.6 First Call**

- 1> Insert the SIM card (firstly, turn off the phone and take out the battery). For detailed instructions on installation, please refer to “4.1 Remove the Phone’s Back Cover and Insert the SIM Card”.

2> Charge the phone's battery. Refer to "4.3 Charge/Recharge the Battery".

3> Press the End key for a short while to turn on the phone.

4> Enter the area code and telephone number, and press the Send Key.

**Note:** Before using the phone, be sure to insert an effective SIM card into the phone at first, and charge the battery.

## 4.7 Use of Password

Your phone and SIM card have multiple passwords, which help prevent your phone and SIM card from being used illegally.

Enter the correct password when you are requested to enter any of the passwords that are introduced below (marked by a "-"), then press the Left soft key to confirm. If you enter a wrong password, please press the Right soft key to delete the wrong password firstly, before entering the correct numerals.

You may use the menu "Settings —> Security" to change the PIN code, PIN2 code and Phone Lock Password.

### Phone Lock

The phone lock password is used to prevent your phone from being used illegally. Usually, the phone lock password is supplied together with the phone by the manufacturer. **The default is 0000.**

After the phone is locked up, you will be requested to enter the phone lock password before turning it on again.

### PIN Code

PIN code (4-8 digits) is used to prevent your SIM card from any unauthorized use. The PIN code is usually provided together with the

SIM card by the network operator.

If the PIN verification function is activated, then you will be requested to enter the PIN code every time when you turn on the phone.

If you have entered a wrong PIN code for three times, the SIM card will be locked up.

**Warning:** Once you have entered your PIN codes wrongly for three times, the SIM card will be locked up, and not be unlocked until you enter your PUK code. The PUK code is usually kept by the network operator.

#### **PUK Code**

The PUK code (a password used to crack the PIN code, 8 digits) is used to crack a locked PIN code. The PUK code is provided together with the SIM card by the network operator. If not supplied, please contact your network operator. In case you have entered your PUK code wrongly for 10 times, then the SIM card will lose its effect; in such a case, please contact your network operator to replace your SIM card with a new one.

#### **PIN2 Code**

The PIN2 code (4-8 digits) is provided together with the SIM card, and used to set such functions as “Call Cost” and “Fixed Dial”, etc.

To find out if your SIM card supports such functions, contact your network operator.

If you have entered your PIN2 code wrongly for 3 times, the PIN2 code will be locked up, and not be cracked until you enter the correct PUK2 code.

### **PUK2 Code**

The PUK2 code (a password to crack the PIN2 code, 8 digits) is used to crack a locked PIN2 code. The PUK2 code is provided together with the SIM card by the network operator. If not supplied, please contact your network operator. In case you have entered your PUK2 code wrongly for 10 consecutive times, you will be unable to use those functions that can not be activated without the PIN2 code. To use such functions, contact your network operator and replace the SIM card with a new one.

### **Bar Password**

To activate the barred dial, it is necessary to use the Call-bar password.

When you apply for such a network function, you may acquire this password from your network operator.

## **5. General Functions**

### **5.1 Dial a Number**

1> In Idle mode, enter an area code and telephone number, and press the Send Key to dial the number.

2> Press the End key to end the call.

#### **International Call:**

Long press the key 0 , the screen shows a “+” symbol. Enter the country code, area code and telephone number, and press the Send Key to call out.



#### **Dial an Extension Number**

After entering the operator's number, long press the \* key, the

screen shows a “p” symbol, then enter the extension number, and press the Send Key to call out.

#### **Dial a Number By Use of the Phonebook**

- ① In Idle mode, press the down key to access the Phonebook List, search for your desired item; The method: press the key containing the initial letter of the name you want, and then press Up/Down Key to find your desired name.
- ② Press the Send Key to dial the number.

#### **Re-dial the Last Number**

- ① In Idle mode, press the Send Key to display the call records.
- ② Press the Left/Right key to displays those telephone numbers of Incoming calls, Outgoing Calls and Missed Calls, use the Up/Down Key to select your desired number.
- ③ Press the Send Key to dial the number.

#### **Speed Dial:**

- ① Edit the speed dial numbers in “Phonebook — Speed Dial”.
- ② Press the numerals (2~9) on the Speed Dial list in Idle mode for a short while to dial your desired number.

### **5.2 Adjust Volume**

During a call, you can press the Left and Right key to adjust the volume directly.

### **5.3 Answer a Call**

- 1> When someone is calling you, the phone will give a ring tone or

vibrate.

2> Press the Send Key to answer the call.

3> To end the call, you can press the End key .

4> To turn down a call, you can press the End key directly or the Right soft key.

Note: If the caller ID can be identified, the phone will show the telephone number of the caller (if this telephone number has been stored into your Phonebook, then the caller's name will be displayed).

#### 5.4 Option During a Call:

During a call, you can use multiple control functions.

##### Call Waiting

If the network supports Call Waiting function, and you have activated the Call Waiting function, you will hear a beep during a call if a third person calls you.

##### Call Holding

If the network supports the Call Holding function, you can make another call when talking to someone:

① Directly enter a number or take the phone number you desire from the

Phonebook, press the Send Key to make a second call.

② The first call is held automatically after the second call is connected. You can press the Right soft key to swap between them.



### **Answer a Second Call**

- ① Press Send Key to answer the second call, and the first call (on line) is held automatically; As for how to proceed after you receive the second call, please refer to “Hold/Swap”.

**Note:** This function need to activate the Call Waiting function.

- ② Press End key or press the Right soft key to turn down the second call, and continue with your current call.

### **Hold/Swap**

When the first call is held, and you are answering a second call:

You can press the Right soft key to swap the first call for talking, and the second call is held.

You can press the Left soft key to enter the option list screen to select Mute, Build MPTY, Release All or Main Menu to execute.

### **Mute/Unmute**

This function can turn off or on the phone's microphone and other microphone connected. The “Mute” function can prevent the person whom you are talking to from hearing your voice.

During a call, press the Left soft key to enter the Option list to select “Mute” to turn off , you can press the Left soft key again to select “Unmute” to turn it on.

### **Hands-Free**

This function can turn off or on the phone's loudspeaker. During a call,

press the Left soft key to enter the option list to select “Handsfree” to turn on the loudspeaker. When the loudspeaker is on, press the Left soft key again to select Handsfree Off” to turn off the loudspeaker, and go back to the normal talking status.

#### **Built MPTY:**

If the network supports the MPTY function, you can make a conference call.

When you are answering a call and another call is held, you can press the Left soft key to enter the option list to select Built MPTY to build a conference call.

When the conference call is on, you can press the Left soft key to enter the option list to select Browse MPTY to view the members, you can press the Left soft key to enter the option list to select Split to split the conference call or select Disconnect to end the selected call.

When the conference call is on, you can press the Right soft key to hold the conference call, and dial another call.

When a call is incoming, you can press the Send key to answer it and the conference call is held automatically.

### **5.5 Input Methods**

This product is easy and convenient to use, and allows you to enter English words, numerals, insert symbols and Chinese characters.

You can enter words in Chinese or English, including any letter, numeral, Chinese character and punctuation mark or any special symbol into the phone.

### Switch Input Methods

In the Editing mode, press the # key to switch the input method;

Press the \* key to go to the Symbol selection screen.

### English Input

abc When you use this input method, you shall press the letter key you desire:

Press once to enter the first letter.

Press twice to enter the second letter.

Proceed likewise.

ABC The same method as above.

Abc Press once to enter the first capital letter, then small letter.

Eng Smart abc:

When entering a word, you need to press the target key, it will present those possible matches by use of the association function; you can press the Left/Right key to select your desired word, and press the Left soft key to send it to the cursor position.

E.g. to enter the word “welcome”, you need to press the keys containing the letters “w”, “e”, “l”, “c”, “o”, “m”, “e”, the word will appear on the screen.

### Numeric Input

123 When you use this input method, you can enter your desired numerals.

## 5.6 Keypad Lock

In Idle mode, press the soft key, then press the \* key to lock up the keypad. To unlock, you only need to press the Unlock key, and long press the \* key to unlock.

## 6. Menu Instructions

The following context lists out the brief explanations to each function that this phone offers.

### 6.1 Phonebook

#### Search

This function allows you to browse the telephone records in Phonebook in alphabetic order of the initial letters of the names. By use of this function, you can search for your desired number in Phonebook.

Select “Search” in “Phonebook” to enter the index list screen, press the key including the letter to display the relative record quickly.

You can select Up/Down Key to browse the items, press the Send Key to make a call.

After pressing the “Option” soft key toward an item, you can proceed as follows:

- Dial to: Dial the phone number you selected
- Send Message to: On the Options list, select “Send message” and confirm, go to the Edit Message page; meanwhile, your selected telephone number is automatically brought into the message and taken as the telephone number of the recipient.

- Edit: Edits the record in Phonebook.
- Delete: Deletes a record from Phonebook.
- Create: Add a new record.
- Copy: If you have selected a telephone number in the Phonebook, select “Copy” to copy this number to the SIM card; if you have selected a telephone number in the SIM card, then select “Copy” to copy this number to the phone.
- Move: If the concerned number is stored in the SIM card, then it will be moved into the phone; on the contrary, it will be moved into the SIM card.
- Storage Status: Displays the occupied capacity and total capacity in Phonebook in the phone and those in the SIM card.

#### **Create a New Entry**

This function allows you to add a new number in Phonebook in either the SIM card or the phone. Proceed as follows:

Now let's cite an example to explain how to add a new record:

- 1> Select “Create” in the menu of Phonebook;
- 2> Select “Save to SIM” or “Save to Phone” to enter the edit screen.
- 3> Input the name first, and then the number.
- 4> If you enter anything wrong, press the right soft key to clear them.
- 5> At last, press the “Accept” soft key to finish the entire adding process and save the new record.

#### **Delete**

You can select Delete One by One or Delete All to do the correlative

operations.

### **Copy**

This function allows you to duplicate a record from Phone to SIM card or from SIM card to Phone.

### **Setting**

It includes Fixed dial and SDN phonebook.

These two functions need network support. Please consult your local network operator for verification.

### **Storage Status**

Displays the occupied capacity and total capacity in Phonebook in the phone and those in the SIM card.

### **Speed Dial**

First edit the speed dial numbers and then long press the numerals (2~9) key in Idle mode for a short while to call out.

## **6.2 Short Message**

Short Message, i.e. SMS, is a sort of network-based service. Your network does not support it for sure. To Forward a Message, you shall have the number of SMS center (to be acquired from the network operator).

1> In Idle mode, press the Left soft key to enter Main Menu.

2> Press the Up/Down, Left/Right Key to find the “Short Message” function.

- 3> Press the Left soft Key to the SMS menu list screen to select one of them, Write Message, Inbox, Outbox, Drafts, Voice Mail, Delete All, Check Storage or Message Counter, Message Setup, and then press the “Select” soft key to execute the correlative operation.

### **Write Message**

When editing a message, you can press the # key to switch among the input methods.


Firstly, enter the message content, press the \* key to insert symbols, after that, you can do as follows:

1) Press the “Option” soft key; you can select the following options:


- Send and Save: Allows you to send a message, then save it in Outbox.
- Send to Many: Allows you to send a message to many recipients.
- Insert Number: Allows you to insert a number from Phonebook into the contents.
- Insert Template: Allows you to insert the built-in phrase into the contents.
- Only Save: Allows you to save the message in Drafts.

2) Select “Send and Save”, then enter the telephone number of the recipient or select a telephone number from Phonebook, press the Left soft key to send the message.

### **Inbox**

After a new message is received or the full capacity of SMS memory is occupied, it will display the icon  on the top of the screen (which will blink when the full capacity of SMS memory is occupied). If the full capacity of SMS memory is occupied, you cannot receive any new

message any more, please delete unnecessary messages in such a case.

- ① Select “Inbox” to enter, it displays the received messages in the Inbox; the one which marked with an icon  is unread.
- ② Press the Left soft key to read the current message.
- ③ When reading messages, press the “Option” soft key; you can select the following options:
  - Delete: Allows you to delete the message.
  - Text Reply: Allows you to reply to the message according to the telephone number of the message forwarder.
  - Edit: Allows you to edit the original text message.
  - Extract Number: Allows you to save the telephone number.
  - Forward: Allows you to forward it to your desired destination.
  - Dial Back: Dial the telephone number back.

#### **Outbox**

- ① After entering the “Outbox”, it displays those messages already sent out or unsent. Each message sent out is marked by a sent icon; and every message not sent successfully is marked by a not-sent mark.
- ② Press the “Select” soft key to read the current message.
- ③ When reading a message, you can press the “Option” soft key to select the following options, for concrete operations, refer to “Inbox”.

#### **Drafts**

After entering Drafts, it displays those messages only saved in Drafts, for concrete operations; please refer to “Outbox”.

### **Voice Mail**

In the “Voice mail” menu, press the Up/Down key to select “Listen to Voice Mail Message” or “Voice Mailbox Number”, press the “Select” soft key to enter.

- Listen to Voice Mail Message: This function allows you to listen to the voice mails from the Voice Mail Server.
- Voice Mailbox Number: Amend the voice mail server number.

Note: This is a service provided by the network, similar to that of an answering machine. This function lets you allow the caller to leave a message when you are unable or not willing to answer a call. The telephone number of your Voice Mail Server is stored in the phone. For details, please contact your network operator.

### **Delete All**

When you select “Delete all” to enter, you can select Delete All, Delete Inbox, Delete Outbox or Delete Drafts to do the correlative operation.

### **Check Storage**

Views the capacities occupied by Messages, and total capacities, in the SIM card and Phone. The concrete capacities are determined by the contents of Messages, Phone and SIM card.

### **Message Counter**

To views the send counts and the receive counts, and you can clear zero counts.

### **Message Setup**

It includes the three items: Broadcast Message, Storage Media and Send Mode.

- Broadcast Message: This network-based service allows you to

receive various kinds of text messages regarding weather conditions or traffic news. In today's world very few networks are offering this service. For details, please contact your network operator.

- 1) Topic: You can select Topic, Add Topic, Edit Topic or Delete Topic to do the correlative operation.
- 2) Language: This network-based service allows you to select a desired language to display the broadcast information.

**Note:** Language support depends on the network operator.

- 3) Service Status: Turns on or off the Broadcast Message.

- Storage Media: You can set where the messages are to be saved (SIM Preferred or Phone Preferred).
- Send Mode

- 1) Service Center: You can save or edit the service center number.

- 2) Protocol Type: You can set the message type as Text, Fax or Email.

- 3) Validity Period: You can set the valid period of messages.

- 4) Status Report: After activating the delivery report function, you can receive a report from the SMS center regarding whether or not a Message is sent successfully.

- 5) Reply Path: Set the reply path on or off. This function is supported by the network operator.

### **6.3 Call Records**

In Idle mode, press the Left soft key to enter the Main Menu, press Up/Down, Left/Right key to select Call Records to enter.

**Incoming Calls**

After entering this function, press Up/Down key to browse the records, you can press the Left soft key to the option list to select one of them: Dial, Send Message, Send Number, Edit Number, Save Number, Delete, Delete All or Details.

Note: In Idle mode, press the Send Key to view the Call Records directly, press the Left or Right key to switch among Incoming Calls, Outgoing Calls and Missed Calls.

**Outgoing Calls**

After entering this function, press Up/Down key to browse the records, you can press the Left soft key to the option list to select one of them: Dial, Send Message, Send Number, Edit Number, Save Number, Delete, Delete All or Details.

**Missed Calls**

After entering this function, press Up/Down key to browse the records, you can press the Left soft key to the option list to select one of them: Dial, Send Message, Send Number, Edit Number, Save Number, Delete, Delete All or Details.

**Delete**

You can delete Incoming Calls, Outgoing Calls, Missed Calls, or delete all call records.

**Call Duration**

After entering this function, you can view the outgoing duration, incoming duration, last call duration, also you can clear zero all the time.

## 6.4 Settings

In Idle mode, press the Left soft key to enter Main Menu, press Up/Down, Left/Right key to select Settings to enter.

### Display Settings

Select “Settings→ Display Settings”.

- LCD Contrast:

In LCD contrast screen you can press Left or Right key to adjust the LCD contrast, press the Left soft key to confirm.

- Back Light:

Press the Up/Down key to select, press the Left soft key to confirm. If you do not press any key within a certain period of time, the backlight will be turned off automatically when the set time duration expires.

- Greeting Text:

Press the Up/Down key to select Enable or Disable, press the Left soft key to confirm. Select “Enable” to edit the text, and then press the Left soft key to save it. It will be displayed on the Start-up screen when it powers on.

- Date Time Display:

Press the Up/Down key to select Enable or Disable, press the Left soft key to confirm. When you enable the function, the date and time will be displayed on the idle screen.

### Clock Settings

Select “Settings→ Clock Settings”.

- Date & Time Settings:

You can set time and date in here.

- Date Display Format:

You can set the date format. DD means date, MM means month, and YYYY means year.

- Time Display Format:

You can set a 12-hour system or a 24-hour system.

### **Call Settings**

Select “Settings→ Call Settings”.

- CLIR:

You can press the Up/Down key to set Default Setting, On or Off, press the Left soft key to confirm.

- Any Key Answer:

You can press the Up/Down key to set Enable or Disable, press the Left soft key to confirm.

- Line:

You can press the Up/Down key to switch to Line 1 or Line 2, press the Left soft key to confirm.

### **Phone Settings**

Select “Settings→ Phone Settings”.

- Language:

Displays optional languages. You can select Automatic, English or other language, and then press the Left soft key to confirm.

- Keypad Lock:

You can press the Up/Down key to set Disable, 5 Seconds or 15 Seconds or 30 Seconds, and then press the Left soft key to confirm.

- Own Number:

You can input the name and number of the owner, and then press the Left soft key to confirm.

Select “Settings→ Security”.

- Power On PIN:

You can choose On or Off, and you can also change PIN code. If you have set the SIM Lock as “On”, every time when you turn on the phone, you have to enter the PIN code. If you have entered a wrong code for three times, you will be requested to enter the PUK code (personal unlocking key). The PUK code is used to crack and change the locked PIN code. If the PUK code is lost or not supplied at all, please contact your network operator.

- Change PIN2:

You can change PIN 2 code. If you don't know the PIN 2 code, please contact your network operator.

- Phone Lock:

You can choose On or Off, and you can also change Phone password. By use of this function, you can lock or unlock your phone. To do so, enter the password to lock or unlock. When your phone is locked, you will be requested to enter the phone lock password when turning on the phone.

### **Voice Setting**

- Voice Time:

You can choose Enable or Disable, If you select Enable, the whole point to the voice broadcast automatically, or press ok key to the current time

voice report. If you Disable will not Voice the time.

- Voice Count:

You can choose Enable or Disable, If you select Enable, Enter the number in the idle system will use voice to read out, If a call coming, the system will automatically report the telephone number. If you choose to Disable, the numbers are not reported.

### **Network Settings**

Select “Settings→ Network Settings”.

- Call Waiting:

1) Interrogate: This function is used to inquire the network of the current status that your phone is in.

2) Activate: When the call waiting function is turned on, the phone will contact the network. After a short while's break, the network will make a response, and forward a message to corroborate your operation. After this function is activated, if a third party is calling you during your conversation, the network will give you a beep alarm, and display the telephone number of the third party, too.

3) Deactivate: If this function is turned off, the network will not give you a beep alarm when any third party is calling you during your call conversation.

- Call Divert: This network-based function allows an incoming call to be diverted to another phone you designated.

1) Unconditional Divert: When this function is set at “Activate”, all the incoming calls will be diverted to the destination number. Select “Activate” or “Deactivate”, the phone will contact the network; after a short while, the network will make a response, and notify the operational result.

2) Busy Divert: When this function is set at “Activate”, all the incoming calls will be diverted to another phone number when your phone is busy.

Select “Activate” or “Deactivate”, the phone will contact the network; after a short break, the network will make a response, and notify you of the operational result.

3) No Answer Divert: When this function is set at “Activate”, if an incoming call is not answered within the designated period, it will be diverted to another phone number. Select “Activate” or “Deactivate”, the phone will contact the network; after a short break, the network will make a response, and notify you of the operational result.

4) No Service Divert: When this function is set at “Activate”, and your phone is unreachable, then all the incoming calls will be diverted to a phone number you have designated. Select “Activate” or “Deactivate”, the phone will contact the network; after a short break, the network will make a response, and notify you of the operational results.

**Note:** How to set these four kinds of diverts:

-Interrogate: Used to inquire the network of the current mode regarding a certain diverting function. The phone will contact the network, after a short break, the network will make a response, and notify you of the operational result.

-Activate: To enter the number you want incoming calls to be diverted to, and activate.

-Deactivate: To cancel the diverting function.

- Call Barring: This function allows you to bar certain outgoing calls. When you set this function, you have to enter the network barring password provided by the network operator.

After selecting an item, you can select “Activate” or “Deactivate”; the phone will request you to enter the call-barring password, and then contact the network. After a short break, the network will make a response and notify you of the operational result.

1) All Outgoing Calls: When this function is set at Activate, you cannot dial out any number.

- 2) All Int'l Calls: When this function is set at Activate, you cannot dial out international numbers
- 3) Int'l Except Home: When this function is set at Activate, you can only dial out local numbers when being abroad or dial out homeward numbers (i.e. the country where the network provider stays).
- 4) All Incoming Calls: When this function is set at Activate, you cannot receive any call.
- 5) Incoming While Roam: When this function is set at Activate, you cannot receive calls when you use the phone outside the service area.

- Network Select Mode

You can set “Automatic” (preferred) or “Manual”. When you select the “Automatic”, the phone will select the network where the SIM card falls in. When you select “Manual”, you must select that network with which the SIM card has been registered.

#### **Factory Default**

Select “Settings—> Factory Default”, enter the phone lock password to activate this function.

### **6.5 Profiles**

In Idle mode, press the Left soft key to enter Main Menu, press Up/Down, Left/Right key to select Profiles to enter.

#### **Standard**

- Set as default: Select the “Set as default”, and then press the Left soft key to activate the setting.
  - Personalize: Include Ring Tone, SMS Alert Tone, Alert Type, Ring Tone Volume, Key Volume, and Alarm Tone.
- 1) Ring Tone: You can select your desired tone as the incoming call ring.
  - 2) SMS Alert Tone: You can select your desired tone as SMS alert ring.

- 3) Alert Type: You can select single ring or repeat ring. Single: the ring tone is heard once only. Repeat: the ring tone repeats uninterruptedly.
- 4) Ring Tone Volume: Press the Left or Right key to adjust the volume.
- 5) Key Volume: Press the Left or Right key to adjust the volume.
- 6) Alarm Tone: You can select your desired tone as the alarm ring.
  - Reset: Press Down key to select “Reset”, and then press the Left soft key to confirm to recover the default values.

#### **Conference**

For details, please refer to “Standard”.

#### **Outdoor**

For details, please refer to “Standard”.

#### **Indoor**

For details, please refer to “Standard”.

### **6.6 Tools**

In Idle mode, press the Left soft key to enter the Main Menu, press Up/Down, Left/Right key to select Extras.

#### **Calendar**

This function allows you to view the calendar.

Press the Left soft key to enter the search screen, enter date first and press the Left soft key to jump to the date page.

#### **Alarm**

If the Alarm is not turned on, then no alarm will be given even when the set time comes. If the Alarm is turned on, and when the set time reaches, an alarm will be given even if the phone is turned off. Please follow these steps to set an

alarm:

- 1) Select "On".
- 2) Set the time on which the alarm is triggered off.
- 3) Select the repeat type: One Shot or Weekly. If you select "Weekly", you can select some day of them or all days.

**Note:** When an alarm is given, if you select snooze or do nothing to stop alarming, the clock will deem the case that you have not heard the alarm, after a while, it will alarm again, but it will end after three times.

### **Calculator**

The phone is supplied with a calculator, by use of which you can conduct adding, deducting, multiplying and dividing.

You can enter the operational symbols by use the navigation keys Up for plus (+), Down for minus (-), Left for division ( $\div$ ), and Right for multiplication ( $\times$ ).

Press \* to enter the point, press # to figure out the result.

when you enter numerals or get the result, you can press the Left soft key to the option list to select one of these functions to operate: Flip Sign, Square Root, Square, To Domestic Currency, To Foreign Currency.

### **Stopwatch**

This is a typical stopwatch function.

Press the Left soft key to start, during the counting process, press the Right soft key to count time separately and press the left soft key to stop or resume. When the stopwatch is in the pause status, you can press the Right soft key to reset.

### **Flashlight**

In very dark or light illumination at night, when you need, you can open the

flashlight, to give you a simple lighting effect.

In idle, You can long press the left function key to open the flashlight, then You can long press the left function key to turn off the flashlight

You also select "Flashlight" to enter. Open will open the flashlight, select the Close will close the flashlight.

## **6.7 Multimedia**

In Idle mode, press the Left soft key to enter Main Menu, press the Up/Down, Left/Right key to select Multimedia.

### **MP3 Player**

In the multimedia features, select "Music Player " to enter.

#### **1. add music**

For the first time you need to add music, press the left function key to enter options, select the playlist to enter. The player list shows empty, into the option to select the add, will open the File Manager, find one of the mp3 file, press ok button to select the song file what you want to add. Into the options and then choose OK, you can add the selected songs to the playlist. You can only add 20 songs once, allowing the most repeated addition of 50 songs in the playlist can choose to continue into the option to add like the music, or press the ok button to select the songs in the list and then delete the Music.

#### **2. play music**

Add music to the play list, in the music player to display the current song . Press

ok button to play or pause the current music, press the left and right arrow keys to switch to the next song. Press the # key adjustable large volume, press the \* key adjustable small volume. Under the right soft key or button to stop music playback. Press the hold button when playing music can be played back.

### 3. play mode

Choose a single first time, a single first cycle, the list once the list of repeat, random play.

### **FM Radio**

Plug in your headphones, in the multimedia capabilities, select "Radio"to enter, press the ok button layout on the radio to turn on or off the radio.

1. press down arrow keys to manually adjust the frequency up or down. Press the key or down key will automatically scan, to the table of search options can be selected into the storage channel. Press left and right arrow keys to switch to a channel or on the next channel. Press \* # key to adjust the volume.

2. the radio frequency layout into the option to select the setting, the layout can be manually set the frequency of the input frequency, frequency range 87.5 ~ 108MHz, press the # key to enter. ". "

3. This machine is to use the headset as the radio antenna, it is necessary to plug in your headphones to use, but by setting the speaker, the speaker open, you can be putting the sound.

4. listen to the radio or press the Return key can be Play in background.

## **6.8 File Browser**

T-Flash memory card inserted, it can be managed through the document management file in the memory card.

- (1). If the unit is inserted into the T-Flash card and the card have the relevant information can be entered separately for each folder, you can view details of each file or delete the file. To support the song file can also choose to open the file. Tag files can then choose to delete the marked files to batch delete.
- (2). In the show "Memory card" into the layout option, you can view the T-Flash card details or formatted T-Flash card.

## **6.9 Games**

In Idle mode, press the Left soft key to enter the Main Menu, and then press Up/Down, Left/Right key to select Game to enter.

### **Tetris**

This game is a classical game. Detailed operations:

- (1) Use the key 4/6 or Left/Right key to move.
- (2) Use the key 2 or Up key to rotate.
- (3) Use the key 8 or Down key to speed up.
- (4) Use the key 5 to pause or continue.
- (5) You can select "Setting" -> "Set Speed", press Left/Right key to adjust the

speed.

## **6.9 Sim Tool Kit**

If your network operator offers such a service and you have subscribed for it, you will be able to use this function. If you insert a SIM card with a value-added (STK) function, you can use your desired service after selecting the STK service function.

## **7. Extras:**

### **7.1 Maintenance**

- ※ Put the phone and all of its fittings in a place out of children's reach.
- ※ Keep the SIM card in good conditions. Do not bend or scraper it; be sure to avoid it from interference by static electricity. Use a piece of cloth that is static electricity proofing, and contains no chemical detergent, to clean the SIM card.
- ※ The phone shall be kept from moisture and shaking. Do not put it in any place directly exposed to sunshine. Any liquid flowing into the phone will cause corrosion of the metal made electric circuit; and heat will shorten the service lives of the electronic component parts and damage the battery.
- ※ If the phone is not in use for a long time (more than one month), please take out the battery.
- ※ Phone ID: when you have lost your phone or SIM card, the following information is rather important, and shall be recorded: SIM card serial number (marked on the card); phone serial number (15-digit), and client number given by the network operator.

- ※ If you have lost your phone or SIM card, please contact your network operator immediately, to prevent any other person from using your phone illegally.
- ※ If the phone is not in use for a long time after being turned off, please separate the phone from its battery, so as to avoid the battery from suffering an electric leakage, and thus damaging the phone. If the battery is not in use for a long time (or has discharged its power), and cannot be charged normally by use of a traveler's charger, please use the charging stand to resume its charging performance.

## **7.2 Specification Parameters**

Network type: GSM900MHz/DCS1800MHz

Screen: 1.8", 65K color, 128\*160 matrix (width\*height)

Dimensions:

Working Voltage: 3.7V-4.2V

Battery capacity: mAh (depends on the real object)

Standby time duration (\*): hours (depends on the network)

Maximum Call Time (\*): hours (depends on the network)

SIM card working voltage: 3V/1.8V

\* The Standby duration and Call Time will differ according to the SIM card/Internet setting and the service mode.

## **7.3 Battery Information**

- ※ Do not throw the battery into fire.
- ※ Do not dismantle or retrofit the battery.
- ※ Do not put the battery into any unauthorized use.
- ※ Do not put the battery in any place where powerful mechanical

impacts take place, or perforate the battery by use of any hard object.

- ※ The battery shall be kept in a cool and dry place, and away from high and exposure to direct sunshine.
- ※ Do not use the lithium battery in a rather cold environment, as the battery is unable to honor its maximal Standby/Call Time.
- ※ Do not clean the battery by use of water or any organic solvent, or put the battery into water.
- ※ Be sure to stop using the battery in case it gives out any peculiar smell or gets excessively hot.
- ※ Be sure to stop using the battery in case it suffers any crevice, deformation, or damage of any other type, or a leakage of electrolyte.
- ※ In case the leaked electrolyte is splashed onto skin or clothes, be sure to rinse it off by use of soap and clean water immediately; in case the leaked electrolyte is splashed into eyes, be sure to rinse your eyes by use of clean water immediately, and contact a hospital for medical treatment.
- ※ Be sure to use the supplied battery and charger, so as to avoid the phone from damage caused by any erroneous charging.
- ※ Be sure to turn off the phone before taking out the battery.

#### **7.4 Disposal of Waste or Worn Battery**

When the battery in the phone can not be used any more, please replace it with a new one, and keep the waste or worn battery in a proper place, before handing it to the competent organization for disposal.

## **8. FCC RF Exposure Information:**

The SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue. Device types TM22 (FCC ID: XM8AEGQ211TM22) has also been tested against this SAR limit. The highest SAR value reported under this standard during product certification for use at the ear is 1.481 W/kg and when properly worn on the body is 0.727 W/kg. This device was tested for typical body-worn operations with the back of the handset kept 1.5cm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 1.5cm separation distance between the user's body and the back of the handset. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.