

Contents

1. Foreword.....	5
2. Safety Precautions.....	6
3. Introduction to This Phone.....	8
3.1 Keys.....	9
3.2 Display Screen.....	10
3.3 Status Icons.....	10
3.4 LCD Backlight	11
4. Quick Introduction.....	11
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.....	16

Bar Password.....	17
5. General Functions	17
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	19
Hold/Swap	20
Mute/Unmute.....	20
Built MPTY:.....	20
5.5 Input Methods.....	21
5.6 Keypad Lock	22
6. Menu Instructions.....	22
6.1 Phonebook	22
Search	22
Create a New Entry	23
Delete.....	24
Copy	24

Setting.....	24
Storage Status.....	24
Speed Dial	24
6.2 Short Message	24
Write Message.....	25
Inbox.....	25
Outbox	26
Drafts	26
Voice Mail.....	27
Broadcast Message.....	27
Delete All.....	27
Check Storage.....	28
Message Counter	28
Message Setup.....	28
6.3 Call Records	28
Incoming Calls	29
Outgoing Calls.....	29
Missed Calls	29
Delete.....	29
Call Duration	29
6.4 Settings	29
Display Settings.....	30
Clock Settings.....	30
Call Settings.....	31
Phone Settings	31

Security.....	32
Network Settings.....	32
Shortcuts.....	35
Factory Default.....	35
6.5 Profiles.....	35
Standard.....	35
Conference.....	36
Outdoor.....	36
Indoor	36
Headset	36
6.6 Tools	36
Calendar.....	36
Alarm	37
Calculator	37
Flashlight.....	38
FM Radio.....	38
SIM Tool Kit	39
7. <i>Extras:</i>.....	39
7.1 Maintenance	39
7.2 Specification Parameters	40
7.3 Battery Information	40
7.4 Disposal of Waste or Worn Battery	41

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 Mid ring tone, Message, multiple Alarms. Besides, it also provides Calculator, Calendar, FM Radio, Flash Light, 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

- 1) Do not use the phone when driving. When you have to use the phone, please use the personal hands-free kit.
- 2) 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.



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



Emergency call

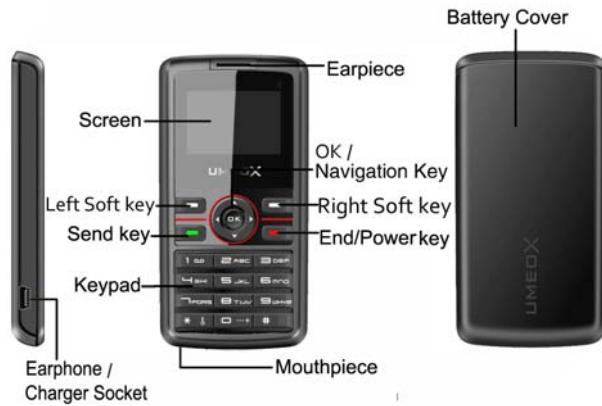
You may enter a telephone number (112, etc.) to ask for emergency help after making sure that the phone has been turned on and is in the service status. Press the Send Key to call out, and report your position and introduce what has happened briefly. Do not end the call without authorization.

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. Introduction to This Phone

Front View



3.1 Keys

This phone has the following keys:

Key	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
	Navigation /OK 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. OK key: used to confirm. In the Idle screen, long press it to turn on or off the flashlight.

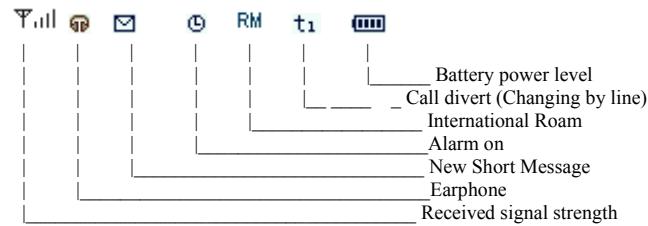
	<p>Keypad</p> <p>Used to input numbers, letters and some characters.</p> <p>In the Edit screen, press # to change the input method; press * to switch to the Symbol interface.</p> <p>In Idle mode, Long press the # key to switch between the current profile and the Conference mode.</p>
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3.2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

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

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

3.3 Status Icons



3.4 LCD Backlight

The backlight time duration on the display screen and keypad can be set in Display 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 concave 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:

- 1) Turn off the phone, and wait a few seconds before pulling out or inserting the SIM card again.
- 2) Handle the SIM card with care, as friction or bending is prone to causing damage on the SIM card.
- 3) When the phone is not in use, please keep the SIM card in a place out of children's reach.
- 4) 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.
- 5) 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) Refer to "How to remove the battery cover" to 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 upward until tight.

4.3 Charge/Recharge the Battery

- 1) Put the phone backside up, find the charger socket at the side 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:

- 1) 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.
- 2) Make sure that the standard voltage and power in your place match with the rated voltage and power of the charger.
- 3) During the charging/recharging period, you may turn on or off the phone.
- 4) 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:

- 1) The battery low message displays.
- 2) The empty battery icon blinks.

Battery Power Reminder

- 1) If the battery is not in use for a long time, please charge the battery fully before putting it away.
- 2) 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.
- 3) 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.

- 4) 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.
- 5) 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  , 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.
Press the Left/Right key  to displays those telephone
- 2) 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, Hands-free, Build MPTY, Release All or Phone Book 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.

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.

You can enter words in English, including any letter, numeral, 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.

 **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.

Numeric Input

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

5.6 Keypad Lock

In Idle mode, press the Left soft key  , then press the key  *  to lock up the keypad. To unlock, you need to press the Left soft key

 , and then press the key  *  to unlock. You can also long press the key  *  to lock up the keypad in idle mode.

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 press 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:

- 1) Dial: Dial the phone number you selected

- 2) Send Message: 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.
- 3) Edit: Edits the record in Phonebook.
- 4) Delete: Deletes a record from Phonebook.
- 5) Create: Add a new record.
- 6) 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.
- 7) 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.
- 8) 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, please 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 Service Dial No. These two functions need network support. Please consult your local network operator for verification.

Storage Status

Displays the occupied capacity and the total capacity in Phonebook in the phone and those are 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

- 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, Broadcast Message, 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:

A. Send: Only allowing you to send a message, not save in Outbox.

B. Send and Save: Allowing you to send a message, then save it in Outbox.

C. Send to Many: Allowing you to send a message to many recipients.

D. Save: Only allowing 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:
 - A. Delete:** Allows you to delete the message.
 - B. Text Reply:** Allows you to reply to the message according to the telephone number of the message forwarder.
 - C. Edit:** Allows you to edit the original text message.
 - D. Extract Number:** Allows you to save the telephone number.
 - E. Forward:** Allows you to forward it to your desired destination.
 - F. 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.

1) Listen to Voice Mail Message: This function allows you to listen to the voice mails from the Voice Mail Server.

2) 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.

Broadcast Message

This network-based service allows you to receive various kinds of text messages regarding weather conditions or traffic news. 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.

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

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: Storage Media , Service Center, Protocol Type, Validity Period, Status Report and Reply Path.

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

2) Service Center

You can save or edit the service center number.

3) Protocol Type

You can set the message type as Text, Fax or Email.

4) Validity Period

You can set the valid period of messages.

5) 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.

6.3 Call Records

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

UP/Down and 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

The operation is the same as **Incoming Calls**.

Missed Calls

The operation is the same as **Incoming Calls**.

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 and Left/Right key to select Settings to enter.

Display Settings

Select “Settings→ Display Settings”.

1) 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.

2) 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.

3) Wallpaper:

The system has built-in pictures for your option, press the Up/Down key to select, press the Left soft key to confirm.

4) 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.

5) 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”.

1) Date & Time Settings:

You can set time and date in here.

2) Date Display Format:

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

3) Time Display Format:

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

Call Settings

Select “Settings→ Call Settings”.

1) CLIR:

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

2) Auto Redial:

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

3) Any Key Answer:

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

Phone Settings

Select “Settings→ Phone Settings”.

1) Language:

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

2) Keypad Lock:

You can press the Up/Down key to set Disable, 30 Seconds or 60 Seconds, and then press the Left soft key to confirm.

3) Own Number:

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

Security

Select “Settings→ Security”.

1) 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.

2) Change PIN2:

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

3) 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.

Network Settings

Select “Settings→ Network Settings”.

A. 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 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 the 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.

B. 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.

C. 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.

D. 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.

Shortcuts

You can set a few items as the normally used functions. In Idle mode, press the Down key  to enter the shortcuts list, press the Up/Down key  to select one of the functions to enter.

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 and Left/Right key to select Profiles to enter.

Standard

A. Set as default

Select the “Set as default”, and then press the Left soft key to activate the setting.

B. Personalize

Include Ring Tone, SMS Alert Tone, Alarm Tone, Alert Type, Ring Tone Volume, Key Volume, Vibration.

(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) Alarm Tone: You can select your desired tone as the alarm ring.

(4) Alert Type: You can select single ring or repeat ring. Single: the ring tone is heard once only. Repeat: the ring tone repeats uninterrupted.

(5) Ring Tone Volume: Press the Left or Right key to adjust the volume.

(6) Key Volume: Press the Left or Right key to adjust the volume.

Conference

For details, please refer to “Standard”.

Outdoor

For details, please refer to “Standard”.

Indoor

For details, please refer to “Standard”.

Headset

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 and Left/Right key to select Tools.

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 set exchange rate and convert the currency in Calculator.

You can enter the operational symbols by use the navigation keys .

Up for plus (+), Down for minus (-), Left for division (x), and Right for multiplication (/).

Press  to enter the point, press  or OK key to figure out the result.

When you enter the blank calculator screen, you can press the Left soft key to enter and set exchange rate first.

But 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.

Flashlight

In this function you can press Up or Down key to select On or Off and press the Left soft key to turn on or turn off the flashlight.

In Idle screen you can long press the OK key to turn on the flashlight or turn it off.

FM Radio

This is FM radio. Enter the FM radio interface, press the Left or Right key to search the channel, and the frequency is on display. Press the Up or Down key to adjust the volume. Press "*" or "#" key to select the saved channel circularly to listen, you can also press the number key 1~9 directly to listen to the radio. Press the Right soft key to exit.

On the FM Radio interface, press the left soft key to access the following options:

- 1) Background Play:** Enter the background play mode.
- 2) Channel List:** If you have already saved the radio channels, you can move the cursor to the channel you would like to listen to and play it. You can also select Edit in the options to edit the list.
- 3) Set Frequency:** If you know the frequency of the radio channel you would like to listen to, enter the frequency and press the Left soft key to listen.
- 4) Save Channel:** Save the channel which you are listening to.
- 5) Auto Search:** The radio can automatically search the channel.

Note: The headset functions as the antenna of the FM Radio, you must connect the headset to the phone before listening.

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 scratch 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: GSM850MHz/PCS1900MHz

LCD: 1.37", 65K color, 128*128 matrix (width*height)

Dimensions: 93mm*45mm*11mm (length*width*height)

Working Voltage: 3.7V-4.2V

Battery Capacity: 550mAh (depends on the real object)

Standby Time duration (*): 100-200 hours (depends on the network)

Maximum Call Time (*): 1.5-2.5 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.

SAR Information

The SAR limit of USA (FCC) is 1.6W/kg Averaged over one gram of tissue.

Device types TM-20 (FCC ID : XM8-AEGQ209TM20) has also been tested against this SAR limit. 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.

Specific Absorption Rate Data

This Model wireless phone meets the government's requirements for exposure to radio waves.

Your Mobile phone is a radio transmitter and receiver. It is designed and manufactured to exceed limits for exposure to radio frequency (RF) energy set by the Federal Communication Commission (FCC) of the U.S Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons regardless of age or health.

The exposure standard for wireless mobile phones employs a unit of

measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/Kg. Tests for SAR are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station, the lower the power output.

Before a phone model is available for sale to the public in the U.S, it must be tested and certified to the FCC that it does not exceed the limit establish for safe exposure. The tests are performed in positions and locations (e.g, at the ear and worn on the body) reported to the FCC.

While there may be differences between the SAR levels of various phones and at various positions, they all meet the governmental requirements for safe exposure. Please note that improvements to this product model could cause differences in the SAR value for later products, in all cases, products are designed to be within the guidelines.

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications & Internet Association (CTIA) Web site:

In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 W/Kg averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

Software Copyright Notice

The software products described in this manual may include copyrighted and third-party software stored in semiconductor memories or other media. Laws in the United States and other countries preserve for manufacturer and third party software providers certain exclusive rights for copyrighted software, such as the exclusive rights to distribute or reproduce the copyrighted software. Accordingly, any copyrighted software contained in the product may not be modified, reverse engineered, distributed, or reproduced in any manner to the extent allowed by law. Furthermore, the purchase of the product shall not be deemed to grant either directly or by implication estoppels, or otherwise, any license under the copyrights, patents or patent applications or any third-party software provider, except for the normal, non-exclusive royalty-free license to use that arises by operation of law in the sale of a product.

Safety and General information

This section contains important information on safe and efficient operation of

your mobile phone. Read this information before using your mobile phone.

Exposure To Radio Frequency (RF) Energy

Your mobile phone contains a transmitter as receiver. When it is ON, it receives and transmits RF energy. When you communicate with your mobile phone, the system handling your call controls the power level at which your mobile phone transmits.

Your mobile phone is designed to comply with local regulatory requirements in your country concerning exposure of human beings to RF energy.

Operational Precautions

For optimal mobile phone performance and to be sure that human exposure to RF energy does not exceed the guidelines set forth in the relevant standard, always follow these instructions and precautions.

Product Operation

When placing or receiving a phone call, hold your mobile phone just like you would a landline phone.

If you wear the mobile phone on your body, always place the mobile phone in a manufactured-supplied or approved clip, holder, holster, case or body harness.

If you do not use a body-worn accessory supplied or approved by the manufacturer, keep the mobile phone and its antenna at least 1.5 centimeters from your body when transmitting.

When using any data feature of the mobile phone, with or without an accessory cable, position the mobile phone and its antenna at least 1.5 centimeters from your body.

Using accessories not supplied or approved by the manufacturer may cause your mobile phone to exceed RF energy exposure guidelines.

RF Energy Interference/Compatibility

Nearly every electronic device is subject to RF energy interference from external sources if inadequately shielded, designed, or otherwise configured for RF energy compatibility. In some circumstances your mobile phone may cause interference with other devices.

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

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.