

# **user manual**


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# CONTENT

<b>user manual</b> .....	1
1. For your Safety and Notice .....	4
2. Phone layout and keypad .....	6
2.1 Layout .....	6
2.2 Keypad .....	7
3. Icons .....	8
3.1 Display .....	8
3.2 Area and explanation .....	8
4. Technical parameters .....	9
5. Before Use .....	10
5.1 SIM Card .....	10
5.2 Insert SIM card and Battery .....	10
5.3 Battery Charging .....	11
5.4 Insert T-Flash Card .....	11
6. Basic Operation .....	12
6.1 Turn Your Device On / Off .....	12
6.2 Make a call .....	12
7. Phone book .....	14
8. Message .....	15
8.1 SMS .....	15
8.2 MMS .....	16
8.3 Chat Room .....	19
8.4 Voice Mail Server .....	20
8.5 Broadcast Msg .....	20
9. Call History .....	21
9.1 Miss calls、Dial calls、Received calls、Delete call logs .....	21
9.2 Call Time .....	21
9.3 Call Cost .....	21
9.4 SMS counter .....	22
10. Setting .....	23
10.1 Phone Setting .....	23
10.2 Call Setup .....	24
10.3 Network Setup .....	25
10.4 Security Setup .....	26
10.5 Restore factory settings .....	27
10.6 Sound Effect .....	27
11. Multimedia .....	28
11.1 Camera .....	28
11.2 Image Viewer .....	28
11.3 Vidicon .....	28
11.4 Video Player .....	30
11.5 Audio player .....	31
11.6 Sound Recorder .....	32

11.7 Melody Compose .....	32
12. File Viewer .....	34
13. Entertainment.....	36
13.1 Games .....	36
13.2 Themes .....	36
13.3 Game Setting.....	36
14. Profile .....	37
14.1 Normal .....	37
14.2 Meeting .....	37
14.3 Outdoor .....	37
14.4 Indoor .....	37
14.5 Headset.....	37
14.6 Mute .....	37
14.7Bluetooth.....	37
15. Tools .....	39
15.1 Calendar .....	39
15.2 To do List.....	40
15.3 Alarm .....	40
15.4 World Clock.....	40
16. Services .....	41
16.1 STK* .....	41
16.2 WAP.....	41
16.3 Data Account.....	43
17. Extra .....	44
17.1 Calculator.....	44
17.2 Unit Converter.....	44
17.3 Currency Converter.....	44
17.4 Health.....	44
17.5 E-book Reader.....	45
17.6 Stopwatch.....	45
17.7 Bluetooth.....	45
18. Shortcuts.....	46
19. USB Mode .....	47
20. Input Mode.....	48
20.1 English and Number input .....	48
21. Appendix.....	49
21.1 FCC .....	
21.2 Battery Safety.....	50
21.3 Use Safety ,Clearing and Maintenance .....	51
21.4 Trouble shooting .....	52
21.5 FAQ & Solution .....	52

## 1. For your Safety and Notice

 **Notice:** Please read these safety guidelines before using your mobile phone to assure the safe and obey the law.



### **For driving safety**

- While driving please obey local laws and regulations with regard to mobile phone use. Under very rare circumstances using the mobile phone in certain model cars may negatively effect the internal electronic equipment. In order to assure your safety under such circumstances please do not use the mobile phone. If your car is equipped with an airbag, please do not place your phone on top of, or within the contact area of the airbag in order to avoid seriously harming the driver or passenger when the airbag inflates.



### **Please turn off your mobile phone on airplanes**

Please turn off your mobile phone on airplanes, where restricted mobile phone use, otherwise the normal operation of electrical equipment will be affected.



### **Near volatile area**

Please obey laws, regulations and signs ,turn off your cellphone when near an area of volatile materials.



### **Near danger materials area**

Please obey laws, regulations and signs ,turn off your cellphone when near an area storing fuel, chemicals.



### **In hospital**

Please turn off your mobile phone in hospitals especially near the medical instruments . otherwise the normal operation of medical instruments will be affected by mobilephone and any other wireless transferring device. Please obey local regulations when using your mobile phone. Special attention must be paid near the following equipment: hearing aids, pacemakers and other electronic medical equipment, smoke detectors, automatic doors and other automatic control installations.



### **Interfere**

Please do not use your mobile phone near low signal or precision electronic equipment. Radio wave interference may cause the malfunctioning of such electronic equipment and other problems.



### **Professional Service**

Only professionals can install and repair the phone. Otherwise will be danger and damage the device and can not get the repairing guarantee.



### **Accessories and battery**

- In order to prevent damage to your mobile phone, only accessories, designated by your manufacturer such as batteries and charge, may be used with your mobile phone. The use of other batteries or chargers could result in battery leakage, overheating, cracking, fire or other malfunctions. Do not dispose of old batteries with everyday domestic garbage. Please dispose of old batteries at the directed places with specific rules for their disposal.



### Use normally

- Please do not subject your mobile phone to high temperatures (over 60°C) such as in direct sunlight, high humidity or dusty places; otherwise this may lead to the malfunction of your mobile phone. Please do not use alcohol, thinner, benzene or other solvents to wipe the mobile phone. Use a soft, dry cloth or anti-static cloth to clean the mobile phone, battery and charger.



### Emergency call

To make an emergency call if power on. Input the emergency call number and press the calling key when In standby mode. Tell where are you and the status. Please do not end the calling without promise.

**⚠ Notice:** Due to the network covering rate or wireless signature transferring, sometimes the phone can not support the Emergency call. Please do not entirely depend on mobile phone for some special communication such as the medical emergency. Please consult with the local network operator.

## 2. Phone layout and keypad

### 2.1 Layout



**Notice:** Effect of in-kind appearance.

## 2.2 Keypad

















Function of key (refer to phone)
<b>Left/Right soft key</b> Carry out the function at the down right of display. Their function is related with the current status of phone.
<b>Forward key</b> Navigation Key; In standby , Left: camera; Right: User profile; Up: Inbox; Down: MP3 play。
<b>Power off and power on key/hold up/cancel key</b> End or reject a call; return to standby mode; press and hold for 3 seconds can turn the phone on/ off.
<b>Send key</b> Dial a phone number (when had input the numbers or on the phonebook mode) and answer a call; in standby, show all call lists.
<b>Number 0 key</b> take photo, take video。
<b>Number key:</b> 0-9 Number Keys, enter numbers and characters; select menus directly; input the PIN, symbols and Chinese, etc..
<b>* key</b> When make an international call, continually press “*” key for 2 times can input the “+” symbol. Series press * can input “P” and “W” symbol
<b># key</b> In edit information press 井 change type mode, In standby enable manner mode;
<b>Sound side key</b> In standby, press <b>Volume Side Key</b> to modulate key tone. During a call, press <b>Volume Side Key</b> to modulate earpiece volume. In Audio/video Player mode, press <b>Volume Side Key</b> to modulate speaker volume.

### 3. Icons

#### 3.1 Display

Display divided as 3 parts: Icon area;,Text and graphics area; Soft key prompt area

#### 3.2 Area and explanation

	Strength of signal(non-GPRS)
	Non-signal
	You have new SMS
	wap mail
	You have new MMS
	You have missed call
	Divert Calls is active
	Keypad is locked
	Alarm clock is active
	Vibration Only
	Vibra and Ring
	Ring
	Vibra Then Ring
	Battery indication
	You are roaming outside your home network.
	Bluetooth



## 4. Technical parameters

Function	Description	Remark
Style	2.2" color LCD phone	
Dimensions	108x50x12.6 (mm)	
Display	262K TFT 2.2"	
Weight	About 120g	With battery
SIM Card	3V small card	*
Built-in Memory capacity	760K	
Frequency	GSM850/1900 dual bands	*
Phonebook capacity	SIM card depend on the network operator; 500 pieces capacity in phone	*
MP3	with	
MP4	with	
T-Flash card	support	
Camera	2.0M	
GPRS	support	*
Bluetooth	support	
Recorder	AMR digital recorder, can record ring tones by yourself	
Vibra / Backlight LED / Chord Ring tone	support	
Call divert / Call barring service	support	*
Call waiting / Con-call	support	*
Alarm / Calendar / Universal Time	support	
Phonebook / Group	support	*
EMS / STK	support	*
WAP/MMS	support	
Auto redial	support	*
File viewer	support	
Standby Time	200 hours (depends on network)	
Talk Time	3 hours (depends on network)	

**Notice:** \* symbol indicates the relative function or service should supported by network or SIM card.

## 5. Before Use

### 5.1 SIM Card

Before use your mobile you must insert valid SIM (subscriber identity module) card which is offered by network operator.

With the SIM card, storing many parameters required for communications, you can use the various functions of the device, and save personal information, including PIN (Personal Identification Number), phonebook, short message and other extra system services.

**⚠ Notice:** try to protect the small accessories such as SIM card, avoid touch the metal interface, and keep SIM card far from electronic and magnetic place where children cannot touch.

**⚠ Notice:** The metal interface contact of SIM card is easily damaged. Remove it carefully before replacing.

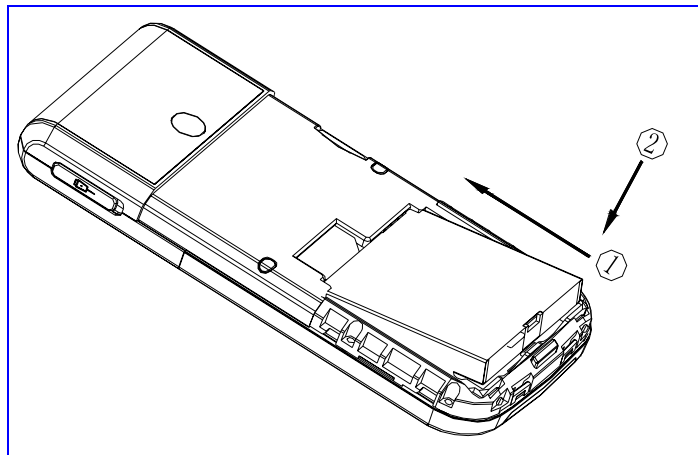
**⚠ Notice:** Do not touch static, dust and water.

**⚠ Notice:** When you need remove the SIM card, please switch off the phone and remove power supplier firstly

### 5.2 Insert SIM card and Battery

◆**Remove Battery:** Turn back and push down the battery cover to remove the battery, ,

◆**Insert Battery:** Slide down the battery cover, Insert the gold-colored contact end of the battery, into the battery slot. Push down on the other end of the battery to snap the battery into place. Slide the back cover towards the top of the device until the back cover is securely in place.



◆**Insert SIM card:** Switch off the phone;

1、with the back of the phone, remove the battery and unplug other external power sources.


2、Turn the metal interface contact of SIM card down place, Insert SIM card into card slot until it completely fixes in slot.

3、Slide the back cover towards the top of the device until the back cover is securely in place.


**⚠ Notice:** This cellphone only support SIM card of 3v. Any related info please consult the local network operator.

### 5.3 Battery Charging

\* With the rechargeable battery for this model. New batteries may require a longer charge time about 12 hours for 3times. It's best to use out of the battery and charge it..


 **Notice:** The standby time and calling time provided by the factory are based on ideal working conditions. During actual use, the work time of the battery may change according to the network situation, work environment and mode of use.

- Plug the charger into the electrical outlet.
- Plug the charger connector into the bottom of the phone (with the arrow pointing upward).
- At this time the charge icon will be shown at the top right corner of the mobile phone's screen; If the mobile phone is charging while power off, a charging indication will appear on the screen. If the mobile phone was used even after there was insufficient power, it might take some time after having begun charging until indication of charging appears on the screen.
- When the battery level icon indicates that the battery is full, this means that the battery is fully charged. If charging while power off, there will still be an indication on the screen shows that the charging is complete. It is normal that the mobile phone and charger will become warm during charging.
- When charging is complete, unplug the charge connector from the electrical outlet and the mobile phone.

 **Notice:** When PC is power on, can charge phone with the USB datawire.

### 5.4 Insert T-Flash Card

- Turn off the phone; remove the battery cover
- Insert the T-Flash card as shown in the following picture.
- Close the cover;

 **Notice:** If your fingle can not reach it , push it with something cannot scratch it.

## 6. Basic Operation

### 6.1 Turn Your Device On / Off

Press and hold **End Key** to turn you device On/ Off.

If you turn on the phone without inserting SIM card, the phone will indicate “Insert SIM Card”. After insert SIM card, the phone will check automatically whether the card can use or not.

Then the display will show following indication one by one:

**Enter Password** ———If you have set Phone Lock.Default is 1234.

**Enter PIN** ——— If you have set SIM Lock. If you do not know the PIN, please contact with the network operator.

### 6.2 Make a call

When the network operator's name shows on the display, you can dial numbers. The signal on the up- left corner screen, it will show the strength of signal (when there are four bands, it shows the best signal).

Barriers influence the talking quality. Moving in small areas can improve the talking quality.


#### ◆ Making Domestic Calls

Press **number keys** to enter the telephone number, and then press Calling key. If you need to change the phone number, please press **Right soft key** to delete a character at left of the cursor. The dialing animation will appear on the screen during dialing. When the other party picks up the phone, the screen will display information about the call.

Press **End key** to end the call.


#### ◆ Calling Fixed Line Extensions

Some fixed phone extensions cannot be called directly. You must go through the switchboard before dialing the extension. When you enter the telephone number, you may add the pause code “P” between the switchboard number and the extension number, this phone will automatically connect you with the extension. The “P” is entered by pressing

and holding  **key** (at this time the screen will display the letter “P”).

**Area code    switchboard number    P    extension number    Calling key**

#### ◆ Making International calls

Making international calls you should press and hold the  **key** until the international phone prefix “+” appears on the screen. It will allow you to call from any countries when you don't know the local international call prefix (e.g. 86 stands for China).

After entering the prefix, enter the country code and full number you wish to call. The country code is according to convention: Germany is 49, England 44, Sweden 46 and so on.

When making international calls, you should omit the initial 0 of area codes.

For example, if you were to dial the Shanghai service hotline, you would dial +86 21 114

**+    Country code    area code    telephone number    Calling key**

#### ◆Dialling Calls from the Call Log

All the calls you make, receive and miss on your phone are saved in the call log of your

mobile phone. The recently dialled and received calls are found at the top of the call logs . The call logs are categorized into dialled, received and missed calls. Your mobile phone also allows you to look up all recorded calls. When the call log is full, the old numbers are automatically erased. To look up numbers in the log you must follow the key sequences:

- On standby press **Calling key** to see the record of all numbers.
- All the numbers in the log may be dialled directly by using Calling key.

When the call log appears, you can press the **left soft key "View"** to see the details of call record, or press **Function key "Menu"** so that you can carry out following functions on numbers in the call log: **"Delete"**, see the **"Detail"**, **"Save"**, **"Messages"** or **"Delete all"**.

#### ◆Emergency Calls

If you are located within the network area (you can find this out by referring to the network strength indicator located on the upper left-hand corner of your mobile phone screen), you should be able to make emergency calls. If your network operator does not provide roaming where you are, **"Emergency only"** will appear on the screen. If you are located within a network area, even if you do not have a SIM card, you will be able to transmit emergency calls.

#### ◆Receiving Calls

You can choose different ways to receive calls. If you set **Slip answer** as **On**, you can receive the call directly by slipping phone, otherwise you must slip the phone and press **Calling key** or **Left soft key** to answer. If the earphone has been inserted, you can press keys in earphone to answer a call. If you are not convenient to press key, you can set **Auto answer** as **"On"**, the call will be connected after 5 seconds ringing or vibrating. If you set **Any key answer** as **On**, any key can receive calls except **End Key**, **Right Soft key** and Side key.

#### ◆Call Waiting

If your network operator support and you had activate it, you will hear the waiting voice if income call during talking.

#### ◆Con-call

It depends on the network suppliers' support.

#### ◆Talking Options


During talking, press left soft key to enter options , to pause or restore talking, end talking, open a new talking, open phonebook, view SMS, record, mute/restore,etc..

During talking, you can press it enter the handsfree mode.

#### ◆ hands-free function

Calls to direct press right function keys can be activated hands-free function, the second press the right function keys can be switched from a hands-free model calls into normal mode.

## 7. Phone book

 **Notice:** The phone can store 500 pieces of entry, and the storage of SIM card depends on the card's capacity.

Click "**Phone Book**" or press **Right Soft key** to access Phone Book menu. The Phone Book function can store vcard information to **phone**, including name, number, home number, company name, email address, office number, fax number, birthday, associate picture/ video/ sound, and caller group.

### ◆Quick Search

Can quick search the call logs inquired. If you want 'z', just quickly press Number key 9 for four times. You can press [**left soft key**]to send SMS\check\edit\delete\copy\remove\transfer\namecard etc.

### ◆Search Entry

Enter name to search the relevant entry.

### ◆Add New Entry

Add new entry of Phone Book to **SIM card** or **phone**. To phone, besides can enter name, number, home number, company number and fax number

### ◆Copy All

Selecting **From SIM** can copy all number entries to phone while selecting **From Phone** can do reversed operation.

◆**Delete** Selecting **From SIM** or **From Phone** can delete all entries from SIM or from phone respectively; you can also select **One By One** to delete entry by entry.

◆**Caller Group** You can select caller group, view and edit the **group details**. Group details contain group name, ringtone, picture, video and member list.

◆**Extra Number** In the menu, you can set following numbers:

-**Owner number:** After setting owner number and name, the name will show in standby interface (when **Show Owner Number** is set as "**On**").

-**Service Dial Number:** Need the support of SIM card, can only be used in Europe at present.

◆**Settings** Can select the following option:

-**Memory Status** Can check the phone book memory capacity of phone and SIM card and how much memory has been taken up.

-**Preferred Storage** Can set defaulted saving location of phone book, subscriber can also select the location while store the number.

-**Fields** Can set whether show Home Number, Company Name, Email Address, Office Number, Fax Number, Birthday, Associate Picture/ Video/ Sound and Caller Group in phone book.

-**My vCard** Can edit and send my vcard.

## 8. Message

### 8.1 SMS

You can send and receive Chinese and English short message by SMS center.

The phone supports both long SMS (capacity 532 Chinese input) and Enhanced Message Service (EMS), you can insert picture, animation, melody and sound into message, you can also use format to create message. If SMS is full, a flash icon will appear at the top icon area. You should delete some and receive news.

#### ◆Inbox

Access **Inbox** to view the received message and reply, delete, edit, forward, chat, delete all, extract number and save. If no any SMS, indicate with blank.

#### ◆Outbox

Access **Outbox** to view the messages you save in the phone (including SIM and phone).

In **Outbox** list, you can press **Up/ Down Key** to scroll through messages, press **OK** to read message detail, and then press **Option** to access following operations:

-**Send**: Send current message.

-**Edit**: Edit current message.

-**Delete**: Delete current message.

-**Use Number**: Pick up the sender's number and the numbers (3-40 bits) from message content and show in a list, you can select one of the lists to **Dial** or **Save**.

#### ◆Write Msg

Please check whether the right number of message service center has been set before you write a new message. This cellphone support EMS service.

Accessing **Write Message**, you can edit short message. Press **Left Soft key** to access **Option**.

-**Done** After edit, select the function, you can make following operations: **Send Only**, **Save and Send**, **Save**, **Send To Many**, and **Send By Group**.

-**Use Template** You can insert predefined message that use commonly at the cursor.

-**Insert Object** Selecting the function, there will be an EMS edition option:

Picture, Predefined Animation, Melody, Predefined Sound.

-**Format Text** By the function, you can set format for words in message.

**Text Size**: You can set the text size as **Small**, **Medium**, **Large**; the setting is invalid to Chinese characters.

**Text Style**: You can set the text style as **Bold**, **Italics**, **Underline**, or **Strikethrough**.


**Alignment**: You can set text alignment as **Automatic**, **Left**, **Center** or **Right**.

**New Paragraph**: Add a new paragraph as **Automatic**, **Left**, **Center** or **Right** alignment mode.

-**Input Method** The menu provides 6 input methods for you to select.

-After edition is "**Done**", you can select **Send Only** and then enter number, or press **Left Soft key** "**Search**" to select the receiver's number; selecting **Save and Send**, the message will be saved into outbox after it is sent; selecting **Send to Many** will access **Edit**

List of receiver and can send to 10 people; Selecting **Send By Group**, the message will be sent to relevant members of a group.

 **Notice:** SMS center of some cities and areas doesn't support long message (more than 70 Chinese characters or 160 English characters). Only EMS supporting phone can receive the message with static picture, animation icon and melody.


#### ◆Template

You can setup 10 templates with 40 capitals and insert to the SMS. Press **Left Soft key** "OK" to access **Template menu**, select one of them to **edit** or **erase** in relevant menu.

#### ◆Message Settings

Before using SMS function, you must make relevant setting. Accessing **Message Settings**, you can select following functions:

- **Profile Setting:** Please contact with network operator to get SMS center address. Access the submenu, will show **Profile Setting** list, the entry of list will change for different network operator and SIM. After access the function, press **Left Soft key** "Edit" to set **Profile Name**, **SC Address**, **Valid Period** and **Message Type**. During **Valid Period**, SMS center will send message repeatedly till the message is received. You can press **Left / Right Key** to set valid period as: **1 hour**, **12 hours**, **1 day**, **1 week**, **Maximum**. **Message Type** can be set as **Text**, **Fax**, **Page** or **E-mail** by pressing **Left / Right Key**.

 **Notice:** Valid Period of message and realization of Fax, Page, E-mail need the support of network operator.

- **Common Setting** Set **Delivery Report**. Press **Left Soft key** to **On/ Off** the function. If **On** the setting, the SMS center will send delivery report to tell your message has been sent or not been sent by some reasons.

**Note:** Realization of the function needs support of network operator.

- **Memory Status** Show the memory status of SIM card and phone as n/m form, of which n is current amount of message; m is maximum capacity of SIM card or phone. The message saving number of SIM card depends on the capacity of card.

**Pref. Bearer** In the menu, you can select **Prefer GPRS** or **Prefer GSM** as message deliver bearer.

## 8.2 MMS

MMS, Multimedia Message Service, its main feature is supporting multimedia that can deliver word, picture, sound etc., various multimedia format message. MMS need the support of network operator, please check if your SIM card supports the service or consult with network operator before using. The phone support MMS, after necessary setting, you can send and receive MMS. When MMS is full, the MMS flash icon will appear.

#### ◆Write Msg

Pressing "OK" to access "**Write Message**" submenu, you can see following options: **To**, **CC**, **BCC**, **Subject**, **Content**, and **Attachment**.

Select **To** and press **Left Soft key** "Option", you can operate following functions:

- **Edit** Edit the receiver's number; you can select **Add Number** or **Add Email**.



Note: When there is only one receiver, will show number or name from phone book; if there are more than two receivers (including two), will show “? Receivers”, for example: two receivers will show “2 Receivers”.

- **Send** If **To**, **CC** and **BCC** are all empty, the option cannot be used; if any of them has entered address and MMS has content, the current MMS can be sent.

Note: MMS can be sent only when it is in a size between 0-100K.

- **Save** If any of **To**, **CC**, **BCC** has entered address and MMS has content, the function can save current MMS to Drafts.

Note: If press “End Key” to exit from “Write Message”, the editing MMS will save to Drafts automatically.

Edit **To**, you can select **Add Number** or **Add Email** by entering receiver number or email directly or press **Left Soft key “Phone Book”** to select number or email address from phone book. If the same MMS send to many, you can press **Left Soft key “Option”** in **To** interface to make following operation:

- **Add Number** Continue to add receiver number.
- **Add Email** Continue to add receiver Email address.
- **Edit** Edit the number of receiver.
- **Delete** Delete current number in receiver list.

Note: MMS **Subject** can be empty, and then the default subject is “No Subject”, but MMS content cannot be empty.

In editing MMS content mode, press **Left Soft key “Option”** to edit following content:


- **Text** Edit MMS text content.
- **Insert** Insert Image and Sound to current slide; or insert and edit a new Slide.
- **Arrange** Change the image and text order of editing MMS. If current MMS has no image, text or only has one of them, the option can't work. The system defaults as “Image First”.
- **Delete** Delete image and sound of current page or current slide.
- **Previous Slide** Access previous slide preview, select **Option** to edit the slide.
- **Next Slide** Access next slide preview, select **Option** to edit the slide.
- **Preview** Preview current slide.
- **Slide Time** Set show time of current slide (second). Show time must between 1-60 seconds; whenever exceed the extent, the phone will give a note and return to edit interface.

When edit MMS **Attachment**, press **Left Soft key “Option”** and select **Edit** to access following content:

- **View** View the attachment content.
- **Insert** Insert attachment selected from **File Manager**.
- **Delete** Delete selecting attachment.
- **Delete All** Delete all attachment content.

Note: Insert entries is unlimited and the content can be picture, music etc. but limited by the size of MMS.

After edit, select “**Send**” to certain address

 **Notice:** Every slide can only add a piece of music and a picture. The size of MMS, unit as K, will show on the top of display as: current slide/ total slide and the size of MMS.

◆ **Inbox**

**nbox** save all received MMS.

When receiving a new MMS, the phone will ring (if **Message Tone** is on) and the display will show message icon. If MMS **Receive Setting** is set as “**Immediately**”, the phone will firstly receive MMS to phone, after that, display shows “**Successful**”. When **Receive Setting** is set as “**Immediately**” but WAP network is blocked or **Receive Setting** is set “**Delay**”, the new MMS must be received to phone before making other operation.

Press **OK** to access **Inbox** submenu, the phone will show MMS list. Scroll **Up/ Down Key** to view MMS, press **Left Soft key “Option”** to make following operation.

- **View** View current MMS content, press **Right Soft key** to stop MMS play.
- **Detail** The detail includes sender, CC, subject, date, time and size, etc.
- **Save Number** Pick up the sender’s number to save to SIM or phone, or dial the number directly.
- MMS Reply Edit MMS to reply to Sender or All. The subject will change as “RE:” + original Subject. Pressing Left Soft key or click “+” can open or fold “MMS Reply”.
- SMS Reply Edit SMS to reply.
- **Forward** Edit phone number and other detail of receiver to forward current MMS, meanwhile the subject changes as “**FW:**” + original subject.
- **Receive** When receive MMS alert, you can select “**Receive**” to receive the MMS manually operation.
- **Disconnect** Stop sending or receiving current MMS.
- **Delete** **Delete the MMS**
- **Delete All** Delete all MMS in Inbox.


 **Notice:** The sending or receiving MMS can’t be deleted.

◆ **Outbox**

**Outbox** saves MMS that fail to send.

Press **OK** to access **Outbox** submenu and the phone will show MMS list in **Outbox**. Scroll **Up/ Down** to view MMS and press **Left Soft key “Option”** to make following operation:

- **View** View current MMS content, press **Right Soft key** to stop MMS play.
- **Detail** The detail includes sender, CC, subject, date, time and size, etc.
- **Forward** Edit phone number and other detail of receiver to forward current MMS, meanwhile the subject changes as “**FW:**” + original subject.
- **Send** Re-send the failure sent MMS.
- **Disconnect** Stop sending or receiving current MMS
- **Delete** Delete the MMS
- **Delete All** Delete all MMS in Outbox.

 **Notice:** The sending or receiving MMS can’t be deleted.

◆ **Drafts**

**Drafts** saves unfinished MMS which can be revised and sent.

Press **OK** to access **Drafts** submenu and the phone will show MMS list in **Drafts**. Scroll **Up/ Down** to view MMS and press **Left Soft key “Option”** to make following operation:

- **View** View current MMS content, press **Right Soft key** to stop MMS play.
- **Detail** The detail includes sender, CC, subject, date, time and size, etc.
- **Edit** Access MMS edition interface.
- **Send** Re-send the saved MMS.
- **Delete** Delete the MMS

**Delete All** Delete all MMS in **Drafts**.

#### ◆ Sent

**Sent** saves sent MMS.

Press **OK** to access **Sent** submenu and the phone will show MMS list in **Sent**. Scroll **Up/ Down** to view MMS and press **Left Soft key "Option"** to make following operation:

- **View** View current MMS content, press **Right Soft key** to stop MMS playing.
- **Detail** The detail includes sender, CC, subject, date, time and size, etc.
- **Forward** Edit phone number and other detail of receiver to forward current MMS, meanwhile the subject changes as **"FW:"** + original subject.
- **Delete** Delete the MMS

**Delete All** Delete all MMS in **Sent**.

#### ◆ Settings

Before using MMS function, you must make relevant set. Accessing **Settings**, you can select following functions:

- **Send Setting** Includes the setting of **Validity Period**, **Priority**, **Delivery Report**, **Read Report** and **Slide Time** (any number between 0-60 seconds).
- **Receive Setting** Includes the setting of **Receive** method, **Advertisement**, **Delivery Report**, **Read Report**, and **Max Size** (any number between 0-300K)
- **Filter Setting** Can set 20 entries of filter content which can be phone number and Email.
- **Network Setting** Includes the setting of **MMSC** (can't be empty), **Gateway**, **Port**, and **Data Account**.
- **Memory Status** Can check **Used** (MMS entries in phone), **Total** (MMS maximum capacity), **Used** (memory has been taken up), **Free Space**.

Some selections of **Send Setting** and **Receive Setting** can scroll by **Left/ Right Key**.

⚠ **Notice:** The use of **Deliver Report** is related with network operator, more information can consult your network operator.

⚠ **Notice:** Your phone has certain space for saving MMS. When the space is completely taken up, the phone will indicate about that. You must delete unnecessary MMS from mailbox to free enough space for new MMS.

⚠ **Notice:** If you receive a MMS that larger than received space in current setting, **PUSH** message will indicate that. You can read the MMS content by Pushbox

## 8.3 Chat Room

◆ **Chatroom settings:** Select a chatroom, setup the nick name and telephone number of your partner.

- ◆ **Start chatting:** Input SMS and chat with them.

## 8.4 Voice Mail Server

If you can't answer a call, it will automatically be diverted to voice mail server, and the caller can leave voice message for you. The message will be saved in voice mailbox; you can visit voice mail system to listen to message.

- Accessing **Voice Mail** submenu, you can see current voice mail box (can set two addresses).
- Press **Left Soft key "Option"** to access **Edit** to input voice mail address or **Connect to Voice** to receive voice message.
- The realization of Voice Mail Server need the support of network operator, you may apply for the service. For more information or mail box address you can consult local network operator.

## 8.5 Broadcast Msg

**Broadcast Message** is sent by network operator. Using the service, you can receive various subjects of message, such as weather, taxi, hospital, etc. For more information you can consult network operator.

- Access **Broadcast Message** submenu, you can see four options: **Receive Mode, Read Message, Languages and Channel Setting**.
- You can gain the current received broadcast messages through reading messages.
- Access **Channel Setting**, you can **Select** the channel and filtrate the broadcast you don't need; you can **Add** new channel and set name and number of new channel; you can make **Edit** operation to reset current channel; you can **Delete** current channel.

 **Notice:** The realization of Broadcast Message need the support of network operator.

## 9. Call History

### 9.1 Miss calls、Dial calls、Received calls、Delete call logs

In main menu interface, scroll **Navigation Key** to select **Call History** menu. The cellphone can save 20 pieces of Miss calls、Dial calls、Received calls、Delete call logs respectively.

#### ◆Missed Calls

Access **Missed Calls** menu, will show missed calls list. Select one of the list and press **Left Soft key "OK"** to view call information which includes date, time and name (if the number has been saved in phone book), number and frequency.

#### ◆Dialed Calls

Access **Dialed Calls** menu, will show dialed calls list. Select one of the lists and press **Left Soft key "OK"** to view call information which includes date, time and name (if the number has been saved in phone book), number and frequency.

#### ◆Received Calls

Access **Received Calls** menu, will show received calls list. Select one of the list and press **Left Soft key "OK"** to view call information which includes date, time and name (if the number has been saved in phone book), number and frequency.

#### ◆Delete Call Log

Pressing **Left Soft key "Option"** to access **Delete Call Log** submenu, you can make operation of deleting **Missed Calls**, **Dialed Calls**, **Received Calls** respectively or **Delete All**.

When viewing detail, press **Left Soft key "Option"** to make following operation:

- Delete Delete the history.
- Save to Phone Book Save the number to phone book.
- Dial Dial the number
- IP Dial In the premise of setting and activating IP number, you can IP dial the number.
- Send SMS Send SMS to the number.
- Edit Edit the number and save.

### 9.2 Call Time

Pressing **Left Soft key "Option"** to access **Call Time** submenu, you can view call time log of phone up to now.

◆**Last Call Time** Show last call time

◆**Total Sent** Show total call time of dialed numbers.

◆**Total Received** Show total call time of received numbers.

◆**Reset All Time** Clean all call time log.

### 9.3 Call Cost

Pressing **Left Soft key "Option"** to access **Call Cost** submenu, you can view call cost log of phone up to now.


◆**Last Call Cost** View last call cost.

◆**Total Cost** View total call cost.

◆**Reset Cost** Clean call cost after input PIN2.

◆ **Max Cost** Show call cost limitation, “0” means no limitation. Press **Left Soft key “Setting”** to set cost limitation.

Price Per Unit Press Left Soft key “Setting” to set price per unit.

 **Notice:** Call Cost function needs the support of network operator. The setting of Reset Cost, Max Cost and Price Per Unit need input PIN2, you can contact network operator to get the password.

## **9.4 SMS counter**

In the menu, you can see the message amount of “**Sent**” and “**Received**” message; pressing **Left Soft key “Reset”** to clean the log.

## **9.5 GPRS Counter**

In the menu, you can see data transmission flux of GPRS, including the flux (unit as Byte) of **Last Sent**, **Last Received**, **All Sent**, **All Received**. You can also clean all the log by operating **Reset Counter**.

## 10. Setting

In the main menu, include all kinds of individuation settings. Press **Navigation Key** → “**Setting**” → **Left Soft key**, you can set your mobile phone in the menu according to your using habit.

### 10.1 Phone Setting

#### ◆ Time and Date

Under this menu, you can set time and date in your phone. It includes three submenus.

**-Cities** 59 international cities in total, select different cities, your can change time zones of your mobile phone.


**NOTE:** The setting will not influent the time setting of phone.

**-Time** In this menu, it is allowed to set the Gregorian calendar date from 2000 to 2030.

**-Time format** You can set your time by 12- hours format or 24-hours, set date format among forms of Year--Month--Day, M-D-Y, D-M-Y, D/M/Y, M/D/Y, Y/M/D.

#### ◆ Schedule Power On/Off

Totally there are four time items for your edition. Each one included such “on”-“off” timely settings. When the setting time is up, it will be on or off mobile phone as it has been set.

 **Notice:** if same time is set, it will not be activated.

#### ◆ Language

Setting up the current language as “Simple Chinese” or “English”, both menu and display will show the selected language.

#### ◆ Input Method

Select one input mode among six ones as a words editing mode.

◆ **standby menu shows:** You can set up their own preferences to the following options:

- Wallpaper: choice standby main interface screen wallpaper. If the switch to open animated wallpaper function, cell phone in crashed when it will be automatically replaced standby wallpaper images.
- Screen Saver: the main screen interface to choose a standby protection of the screen images, and set up the waiting time.
- Boot animation: Choice of boot animation.
- Shutdown animation: Choice shutdown animation.
- Show Date Time: choose open or closed standby interface shown in the current time.
- Shows that this machine numbers: in the choice of open or closed under the standby display this machine interface numbers.
- Clock types: digital clock or choose simulation clock.

#### ◆ Greeting Text

It is allowed to set up greeting text when turn on the device, also can edit the content of greeting text.

#### ◆ Speed Dial

In speed dialing menu, you can set the numbers from two to nine. In the standby mode, press and hold the key or click the relevant number to call the sent number.

To assign a number to a speed-dialing key, select Menu > Contacts > Speed dials, and scroll to the speed-dialing number that you want.

Select Assign, or if a number has already been assigned to the key, select Options> Change.

Select Search, the name, then the number you want to assign. If the Speed dialing function is off, the phone asks whether you want to activate it.

#### ◆Dedicated Key

Under the submenu, you can edit shortcuts functions of **Up /Down/Left/ Right** in standby mode

#### ◆Flight Mode

The menu could select the current display mode, there are three modes for your option: **Normal Mode**, **Flight Mode** and **Query When Power On**. If “**Flight Mode**” is selected, all functions in SIM Card will be hidden.

#### ◆Other Setting

##### Setting time-out and brightness of “LCD Backlight”,

The brightness of LCD has five grades, time can be set as **5-60(unit: Second)**. When there is not any operation within certain time, LCD backlight will turn to be half bright, Press **Up/Down key** to select the modified subject press **Left/Right Key** to change the selected item's parameters

You can choose whether the backlights will be **always on**, **off**, or **on for a selected time**.

In the standby mode, select Menu > Settings > Backlight time-out > 15 seconds

## 10.2 Call Setup

Access the submenu of “**Call Setup**”, you can set up following:

#### ◆Call Waiting

After activating this function, the network system will notice you if any new incoming calls when dialing.

- **Activate**      Activate the mode
- **Deactivate**      Deactivate the mode
- **Query**      Query Status of this function

#### ◆Call Divert

“**Call Divert**” network service allows the business incoming call to be diverted to your named telephone number based on some preplanning. You can set and cancel this function which needs the network supporting. Please contact with the network operators.

“**Call Divert**” include : **Divert all voice calls** , **Divert if unreachable** , **Divert if no answer** , **Divert if Busy** , **Divert all data calls** , **Cancel all divert**.

- **Activate.**      Set up the current incoming diverted number
- **Deactivate**      Deactivate Call Divert
- **Query**      Query Status of the mode.

When you don't need this service, you can cancel Call Divert to stop the above function.

#### ◆Call Barring

Access “**Call Barring**” submenu; you can setup any following barring combination to increase security. Some network operators can't provide such service, for detailed



information, please contact with local network operator. Network operators provide “Barring Code” with four numbers so that you can activate “Barring Code”. In this menu, you can restrict the following callings respectively.

- **Outgoing Calls** It may **Activate**, **Deactivate**, or **Query** three operations for barring calls such as “All Calls, International Calls, and International except Home”. Once all outgoing calls are barring, the device can not dial any numbers except emergent number.
- **Incoming Calls** It may activate, deactivate, query “All Calls” barring, namely prohibit all the incoming calls; or activate, deactivate, query all the roaming incoming calls.
- **Cancel All** Input the barring password which makes all call barring invalid
- **Change Barring PW** Input the old call barring password and set up new barring code.

#### ◆Call Time Reminder

In the menu, you can choose the following modes to keep talking for a period of time according to the reminding of menu function.

- **Off** Deactivate the function
- **Single** Input any number from one to three thousand. Namely, select the arrival time (Second as Unit) for reminder of talking time.
- **Periodic** Input any numbers from 30 to 60, namely input time for a start, (second as unit), every one minute you will be reminded for your talking time.


#### ◆Call Time Display

**On/ Off** the setting, you can active or bar the showing of call time during a call.

#### ◆Automatic Redial

Occasionally, your network may experience heavy traffic, resulting in a fast busy signal when you dial. With automatic redial activated, your device redials the number (number of times is specified by the network), and notifies you once the network is available.

In the standby mode, select *Menu > Settings > Call settings > Automatic redial > On or Off*.

 **Notice:** Parts of functionis need to support by network operators. Details please inquire the network supplier.

## 10.3 Network Setup

### ◆Network Selection

Operate the following two ways to select communications networks.

**-Automatic** Automatically select the service operator according to **SIM information**.

**-Manual** Select network service manually. The mobile phone will search the current list of service operators for users according to the SIM Styles.

◆**Preferred Networks** Prefer to select network operator. Access the menu, it will list the customized preferred network operators, press **Left Soft Key “Option”** to make following operation.

◆ **GPRS connection:** to make your mobile phone convert the GPRS Connection Project between “Permanent Connection” and “Connection if necessary”.

## 10.4 Security Setup

### ◆SIM Lock

Access “**Security Setup**”, you can set the security for your handset in case illegal use of the mobile phone and SIM Card.

The personal identification number (PIN) code help to protect your SIM card against unauthorized use. If your SIM is locked, select “Activate”, Enter PIN code then activate SIM Lock. You should enter the correct PIN code to access if Power On next time.

**⚠ Notice:** If you enter wrong PIN code for three times, SIM card will be locked, then you should Unlock it by PUK code. If the codes are not supplied with the SIM card, contact your local service provider for the codes. The defaulted PIN code usually is 1234, please change it to your own setting code.

### ◆ Handset Lock

Phone lock can be protected your mobile phone to be used by others.


Access the submenu” Phone Lock”, you can make setup as follows:


- Select “Turn on” >> Enter the correct phone lock password, you can input the right code next time, then activate your mobile phone.
  - Select “Turn Off” to switch off your Phone Lock..

**⚠ Notice:** the default number is “1234”, please change it to your customized one.

### ◆Auto Keypad Lock

Set the auto keypad lock function of mobile phone, confirm to enter keypad lock setting interface, you can select respectively disactivate **5/30/60 seconds or 5 minutes** ( Auto Keypad Lock will be unavailable to lock the keypad). In standby mode, the keypad will be locked if there is no operation in relevant time.

Press[**Left soft key**]for 2 seconds then press  key to unlock.

**⚠ Notice:** In standby, Press[**Left soft key**]for 2 seconds then press  key to unlock.

### ◆ Fixed dial

If your SIM card support, you can dial the selected numbers. When activate this function, you can only dial the fixed numbers or several numbers as starting.

Access “**Fixed Dial**”, you can set it as follows:

**Mode** Through inputting PIN2 code to finish the “ON/OFF” setting of “Fixed Dial”

**Fixed Dial List** Press “**Ok**” to show the fixed dial list,>> press “ **Option**” to edit, delete etc. operations. If the List is empty, you can add new entry fixed dialed numbers.

**⚠ Notice:** “ON/OFF” the fixed dialed numbers function, you need to enter PIN2 code, please contact the network operators to gain the PIN2 code.

◆ **Barring Dial:** You can restrict to dial the selected numbers if SIM card supports. When this function is operated, your handset can’t dial the barred numbers.


◆ **Change Password:** In the menu, you can set and modify three phone numbers


-**PIN** If your PIN Code has been activated, then you can set the PIN code again.

-**PIN2** Enter the old PIN2, and set the PIN2 again.

-**Handset Password** Enter the previous Password, you can redefine the password of

your mobile phone.

 **Notice:** the above access Password should be equal or more than 4 numbers and less than or equal to 8 numbers. Thus, you can change the password successfully.

 **Notice:** Some parts of function need to supported by the network operator.

## **10.5 Restore factory settings**

Under this menu, enter Phone lock password, confirm it , when the handset is powered on again, some relevant parameters will retore to the modes that the device. Default password is 1234.

## **10.6 Sound Effect**

Set the equalizer's content of Music Player, you can select your necessary equalizer from 8 modes, also, you can select “**Restore Factory Default**” to automatically set.

## 11. Multimedia

This menu includes 8 functions: **Camera, Image Viewer, Vidicon, Video player, Album Editor, Audio Player, Sound Recorder, and Melody Compose.**

### 11.1 Camera

The phone has internal high definition CMOS camera with 1.3M pixels, you can take photo at your pleasure and save it in phone or memory card. You can press left soft key to setup in the photo mode. In camera view capturing, you can press **Left/ Right Key** to adjust **EV data**, press **Up/ Down Key** to adjust focus,

**Album** Show picture list of album.

- **Camera Setting** Includes the setting of **Shutter Sound, EV, Banding, Delay Timer and Cont Shot**. All the settings can be adjusted by **Left/ Right Key**, and actived by pressing **Left Soft key "OK"**.
- **Image Setting** Includes the setting of **Image Size** and **Image Quality**. The **Image Size** can be adjusted as multi zise; **Image Quality** can be **Low, Normal, High** and **Fine**.
- **White Balance** Set white balance mode.
- **Scene Mode** Set scene mode as **Auto** or **Night**.
- **Effect Setting** Set effect of camera shooting.
- **Add Frame** Add frame to image. Only small size image supports the function. In camera capturing, press **Lefe Side Key** to change image background frame.
- **Storage** Store image to Phone or Memory Card.
- **Restore Default** Press **Left Soft key "OK"** to restore default.
- **ImageViewer** In **ImageViewer** submenu, you can easily view the photo list and press **Left Soft key** to **View, Browse Style, Forward, Rename, Delete, Delete All** or **Sort**. When viewing photo, you can press **Left Side Key** or **Up/ Down Key** to view one by one.

**Browse Style** can be **Lsit Style** or **Matrix Style**. **Forward** can send the photo **To Wallpaper, To Screen Saver, To Power On Display, To Power Off Display, To PhoneBook, To MMS,** and **To EMS**, but whether it is successful to operate is related with the the MMS space and photo size. **Sort** can be operated as **By Name, By Type, By Time, By Size** or **None**, Storage can choose **phone** or **SIM card**.

### 11.2 Image Viewer

Please refer to **ImageViewer**.

### 11.3 Vidicon

Accessing "Vidicon" submenu, the main display will show view capturing frame.

#### ◆Camcorder Setting

Select **"Camcorder Setting" >>"Option">> "Vidicon"**, at this time, **"Up/Down Key"** can modulate the focus of Camcorder, Press **"Left/Right Key"** to modulate **"EV"** Parameters, press No.1 to modulate **"Effect Setting"** and **"No.2"** for modulating **"White Balancing"**, **"No.4"**for modulating **"Night Mode"**

Press **"Left Soft key"** to **"Option"** as follows:

- **To Player** To “**Video Player**” List, show the current movies in the List.
  - **Camcorder Setting** You can operate “**White Balance, EV, Night Mode, Banding**”, by “**Left/Right Key**” to adjust the above operation. After finishing it, press “**Left Soft key**” to active the setting.
  - **Video Setting** Including modulating the “**Video Quality**”, “**File Size Limit**”, “**Rec. Time Limit**”, “**Record Audio**”, “**Encode Format**”. There are four grades of “**High, Normal, Low, Fine**” in the Video Quality. It is available to choose “**No Limit, 95K, 195K, 295K**” in “**File Size Limit**”; **Rec. Time Limit** includes : **No Limit, 15sec, 30sec, 60sec**. **Record Audio** can be set “**On/Off**”, includes **H.263** and **Mpeg4**
  - **Effect Setting** Setting video recorder’s effect.
  - **Storage** Set video recorder’s Storage: Phone or Multi- Media Card.
- Restore Default** Press “**Left Soft key**” >> “**Option**” >> “**Ok**”, then it will restore default.

During the view-finding mode, the camera setting options are displayed on the bottom line of the screen. Each camera setting option includes **setting items** and **adjustment items**, which are each marked by a different small icon. Look at the icon between the [ ]. Press the **left/right keys** to switch between the camera **setting items**; press the **up/down keys** to set **adjustment items** on the selected camera setting items.

Note: Press \***Key** hide/display taking photo setting options.

- **Zoom**: to adjust the focus of the camera. The default setting is for normal [ ]. Press the **down key** to move the focus in, and press the **up key** to increase the focal distance.
- **Image effect**: to set the colour style the pictures are taken as. These include: “**Normal**”、“**Black&White**”、“**Sepia**”、“**Inverse**”、“**Oil**”、“**Embossment**”、“**Jean**”、and “**Fog**”。
- **Photo Frame**: to select a picture frame for the picture being taken. You can select from **No-frame, Frame 1, Frame 2, and Frame 3** .
- **Lightness**: to adjust the brightness of the photo.  
There are 5 levels in total [the higher the level, the brighter the picture.
- **Rotation**: to adjust the angle of the camera’s viewfinder. This includes **Off** and **180°** .

#### ◆ Shooting


Under shooting status, adjust viewfinder, make the selecting items display on the photo frame.

- Before taking the picture you can use the **navigation keys** (up/down, right/left keys) to make the camera settings; or press the **right soft key, “OPTION”**, to carry out the “**Shutter Mode**”, “**Image Effect**”, “**Transparency**”, “**Picture Size**”, “**Auto Save**”, “**Sound**”, “**Night mode**”, “**White balance**”, “**Strobe light**” and “**Storage**” settings.
- “**Shutter Mode**”: to set the usable shot mode of camera as **Normal shutter** or **delay shutter**. “**Delay shutter**” mode means your mobile phone will automatically take the picture at the end of six seconds when the **left soft key “SHOT**” is pressed.
- “**Image Effect**”: to set the colour style of the photo. Styles include “**Normal**”, “**Black&White**”, “**Sepia**”, “**Inverse**”, “**Oil**”, “**Embossment**” and “**Fog**”.
- “**Transparency**”: to set a transparency for the photo taken. There are four options:

**None, Transparency1 Transparency2 and Transparency3** for you to select. **Note:** only the **Picture Size as Wallpaper(small size picture)**, the **Transparency** option will be seen.

- **"Picture Size"**: to set the size of photo. The wallpaper size includes: five size
  - **"Auto Save"**: to set whether to save the taken photo ; if the setting is "On", photos are saved automatically with a default file name after finishing shooting, then back to shooting status and you can continue to take photos.
  - **Sound**: If you choose one of thress sounds, the camera will shoot with sound and remind that it is shooting, there are three sounds for your option or you can turn off the sound (set **"None"**)
  - **Night mode**: Set whether to **"On/Off"** the Night mode. It will get better shooting effect when activate this mode at nignt.
  - **White balance**: Adjust the ray balance, including **Auto,Daylight , Tungsten, Fluorescent.**
  - **"Storage"**: to set the storage position of the movie taken as the "Phone" or "Memory card".
- After framing the picture you wish to take, keep the vidicon steady.  
Press the **Left Soft Key "Shot"** or **Shooting Key** to take photos.
  - After taking the picture, the photo appears on the screen (if the lid of the mobile phone is closed please open it). Press the **left soft key, "SAVE"**, to save the current picture. The default filename which the photo will be saved under the mobile phone time when the picture was taken (month /day /hour /min /sec). You can also edit the file name and press the **left soft key** to comfirm. After the photo is saved to the **"Album"** submenu of the **"Camera"**, you will be returned to the view-finding mode; or press **Right Soft Key** not to save and return to the view-finding mode to continue shotting.

 **Notice:** You can view the taken pictures from submenu **[Digital Camera]/[Album]**

 **Notice:** You can also view the taken pictures from submenue **"PHOTOS"** of **[Extra] / [Playroom] / [File viewer]**.

## 11.4 Video Player


**Note:** Please select the corresponding "storage path," such as documents exist TF cards, "stored path" to choose memory card, players can not be normal operation.

**Note:** The video will be stored in only a T-card Video folder of video files automatically placed in the list of players, so you best to download documents stored in the T-card Video folder.




Select **"Video Player"**, it is convenient for you to search the saved movies in the Player List. Press the **Left Soft key** to **"Option"** >> **"Play/Forward/ Rename/Delete /Delete All Files"** and **"Sort & Storage"** movies in the list. The format supported by MPEG-4 and 3GP;AM4-NB,AAC; Video dimension is 240\*320.

**"Up/Down Key"** modulates the playing speed in **"Play"**. **Left/Right Soft key** is to control the progress of video. Left Key modulate the Volume, **"Forward"** can sent the video to **Phone Book, Screen, Power On Display, Power Off Display.**

During playing the video, Press **"Left Soft key"** or **"Calling Key"** to Pause or Resume the video, to seize graphics, the seized pictures can be saved in **[Photos]** of MMC, Press

 **key** to play the video in full screen.

#### \* Play

Select **Play** option to enter video player interface, press [Left soft key] or  Key to play the video. In the play interface, press [UP/DOWN key] to select different video files. press [Left soft key], to pause or go on. press [Right soft key] key to stop, During playing press  to play with full screen, press  Key to restore original video window and pause. Press the volume side keys to adjust the volume.

### 11.5 Audio player

**Note:** Please select the corresponding play lists, such as music there TF cards, "the list" to choose memory card, players can not be normal operation.

**Note:** The only music radio-T card will be stored in the My Music folder of music files automatically placed in the list of players, so you best to download music stored in the T-card My Music folder.

-Under the menu of MP3 Audio Player ,

-UP **key**: Play/pause.

-DOWN **key**: Stop

-LEFT **key**: back playing piece

-RIGHT **key**: forward playing piece

**Volume Side Keys**: modulate volume.

In a **setting** of audio file, detailed settings of each function can be operated according to the content of each display on the screen.

#### Player Settings

- Pre.Play List : select T-card or phone .
- **List Auto Gen** set "On/Off" the menu. When the function is "Play", you can operate "**Refresh List**", refresh the audio files which are under main directory of MMC in "File Manager" and subdirectory of **[Audio]** to Playing List, it is unnecessary to modify it manually. When the function is "off", press **Left Soft key "Ok"**, you can Add New Entry in "Option"(add music file to play list of File, select "Remove" to move a single audio file from the List, Select "Remove All", it will move all the audio files.
- **Repeat** it can set the audio playing repeatedly. **Off** (no repeat playing), **Single**, **All** can be set respectively.
- **Shuffle** Set the play order, it can be set "**ON**" (play in shuffle) and "**off**" (play according to the current order of list).
- **Background Play** "**On**" this function, it can play music when your phone in other interface. (Except some operations interface related with audio and Record Mode), if you set "**Off**", only in Audio Player interface can play music.

#### Display Settings

- **Skin**: select skin1 or skin2

- **Spectrum Display:** select spectrum1 or spectrum2.
- **Lyrise display:** select on or off.


#### Sound Effects


- **Equalizer** Select music equalizer style.

**Spectrum Display Style** Display the Spectrum Display Style when playing audio; if you select “Off”, Spectrum display will not show while playing music.

#### Bluetooth Settings

- BT stereo output: select on or off;
- BT stereo headset: you must active BT and connect to BT earphone;

 **Notice:** Please save the downloading music into My Music file of T-card.

 **Notice:** Please adjust the volume properly to avoid harming your audition.

## 11.6 Sound Recorder

The submenu will list the recorder files with suffix of **AMR** and **WAV** in your mobile phone. If there are no recorder files, it will show **Empty Folder**

Press **Left Soft key “Option”** to shows recorder menus as follows:

- **Record** Start to record in recording interface, you can select “**Pause**” to stop recording, press **Left Soft key** again to “**Resume**” recorder. After recording, press **Right Soft key** to edit the file name. Meanwhile, in the “**Option**” menu, save the recorded file to [Audio] subdirectory of File Manager; or presses **End Key** to return to Standby Mode, and the system will save the file automatically.


**Note:** In the recorder files editing mode, you can clear file name, then press **Right Soft key “Back”** to quit current recorder file.


- **Play** Play the selected recorder files.
- **Append** As for **AMR** files, you can add record based on the current ones and save all the records in the folder.

**Note:** The option will not display for **WAV** files.

- **Rename** Rename current recorder files.
- **Delete** Delete current recorder files.
- **Delete All** Delete all recorder files.
- **Settings** Press **Left Soft key “Ok”**>> “**Recorder setting**”>> press **Left/Right Key** to set **File Formats**. The formats can be shift between **AMR** and **WAV**, if the setting is saved, you can modify the recorder file formats next time.

**-Forward** Send the selected recorder files to “**user profiles**” as ready tones, or forward records through **SMS** and **MMS** after editing (**Only limit EMS**). Whether the operation is successful or not, it depends on the space capability of MMS and the size of files.

 **Notice:** During the recording, if incoming call, the recording will be paused and auto-saved.

 **Notice:** Please take photos, vidicon and record under the law.

## 11.7 Melody Compose

In this function, you can use MIDI editing function in your phone to edit your own melody; still, you can send the edited melody to the User Profiles as mobile ring tones.




You can also share the melody to your friends and relatives by MMS.

When there is no editing audio file, press **Left Soft key “Add New Entry”** to edit new tones; when there are saved audio files, press **Left Soft key “Option”** to access function list.

- **Play** If there has audio files in current editing list, user can select the function to listen to music.
- **Edit** Using keypad to compose melody, after edition, you can save the ring file as an **“IMY” format** file. About the detailed editing method, please refer to the detailed introduction in the last part of this point.
- **Add New Entry** Add new audio files.
- **Rename** Edit and rename files
- **Delete** Delete the selected files.
- **Delete All** Delete all files.
- **Forward** Send the edited melody to User Profiles as incoming call ring tones or forward the melody through **MMS or SMS**.
- **Detailed Editing Method:** In ring tone editing interface, It will show **Stave**, you can compose your own ring tone according to the following introduction.
  - Number Key “0”:** Insert a **Pause**.
  - Number Key “1”:** Insert note “Do”
  - Number Key “2”:** Insert note “Re”
  - Number Key “3”:** Insert note “Mi”
  - Number Key “4”:** Insert note “Fa”
  - Number Key “5”:** Insert note “So”
  - Number Key “6”:** Insert note “La”
  - Number Key “7”:** Insert note “Si”。
  - Number Key “8”:** Insert a vibrating note
  - # Key:** If there is a current note, convert among rising semitone, normal, down halftone by pressing # Key.
  - \*Key:** If there is a note or a pause currently, change the time length of current note by pressing **\*Key**; if the current note is a “backlight” or “led”, convert the notes between “backlight and led” by pressing **\*Key**.
  - Up Key:** If the current sign is a note, press **Up Key** to ascend the current note by a “tong group”, say “high eight rhythm”; if the current note is a vibrating one, backlight or led symbol, press **Up Key** to activate vibrator / backlight/ LED.
  - Down Key:** If the current sign is a note, decrease the current note by a “tong group”, say “low eight rhythm”. If the current note is a vibrating one, backlight or led symbol, then deactivate vibrator / backlight / LED.
  - Left Key:** Move forward one note.
  - Right Key:** Move Back one note.

 **Notice:** No more than 150 notes in one melody compose.

 **Notice:** The device can save several melody of different sizes.

## 12. File Viewer

Access **"File Viewer"**, the interface will show phone and memory card folder and the Total and Free space of both carriers. Press **Left Soft key "Option"** to operate as follows:

- **Open** List directories and files under main directory
- **Create Folder** Select "OK" to create new data folder and edit the name.
- **Format** To format the Flash Memory, the operation will delete all data in current flash memory.
- **Move** Select the option, the Disc of Memory Card will not be shown, but restart the mobile, it will show again.

**Switch on** the selected disc/Memory card, you can **"ON"** the file list and folder list under the disc. If you have chosen a certain folder, press **Left Soft key "Option"**, it will show following:

- **Open** Open the folder, and List the subdirectory structure and files.
- **Create New Folder** Select "OK" to create new folders, and then edit the name of folder.
- **Rename** Change the name of current folder.
- **Delete** Delete the current folder.
- **Sort** Press **"Left Soft key"** to sort, it can list files and folders according to Names, Types, Time, Size, None (it was done by Mobile phone).

If select one certain file, press **Left Soft key "Option"** to show the following option:


- **Read** Read **TXT** files that saved in the device.
- **View** If the files are supported by mobile picture file, then you can view the pictures, if the device can't support the file, you will be reminded that the format is wrong.
- **Edit** As for graphic files, select the option, you can deal with the photos by Photo Artist.
- **Play** If the file supports multimedia player, it will shown this option, otherwise, it will not be displayed.
- **Forward** Different format files have different "Forward" contents. As for MP3 format, sent to **User Profiles**, for ring tones, send by MMS or by SMS as editing EMS. Concerning about Graphics & Images, you should forward them to **"Wallpaper, Screen Saver, Power on Flash Display, Power off Display, Phone Book"** by MMS and SMS. But for video files, you can forward them to **Phone Book, Screen Save, Power on Flash Display, Power Off Display**. Under different situations, you can operate it according to screen reminder.

**Note:** Formats with **\*.imy, \*.snd etc.** can be sent to SMS as EMS editing. Whether it can be forwarded successfully depends on the size of audio files.

- **Detail** Display the last modified date and size of the file.
- **Rename** Modify the name of file.
- **Copy** Press **Left Soft key "Option"** to show all files in same disc. If you want to copy selected files to the folder under same disc, **Press Left Side Key or "Up/Down Key"** to select the target folder>> operate the **"Option": "Done"**, copy files to target folder, **"Open"**, Enter

the following data folders , then decided whether copy it or not.  
**Create New Folder**, create new and copy the selected files to new folder.

- **Move**      The same operation as “**Copy Files**”, the difference is that files will not remain the original place after **being moved**.
- **Delete**      Delete the file( Note: “**Only Read**” files can’t be deleted)
- **Delete All**      Delete all files under directories (**Note: “Only Read”** files can not be deleted).
- **Sort**      Press **Left Soft key “Sort”**, you can list data folders and files according to sorting methods such as **Name, Types, Time, Size, None** ( Sort by the mobile phone)

 **Notice:** When use format function, please be care that the files formatted can not restore.

## 13. Entertainment

### 13.1 Games

two different games in the handset: Mahjong. Magicsushi . The operation method please refer to the Game Help. Following are some options:

◆**Resume**

Can continue the game paused before instead of starting again.

◆**Start Game**

To start a new game.

◆**Game Mode**

To setup the game bar and difficulty. only in Puzzle and Robot.

◆**Best Grades**

To view scores and grades record.

◆**Game Help**

Brief Introduction of game playing method.

### 13.2 Themes

3 Theme colors: Orange, blue and grey. can preview and select Options to enter:

-**Open:** Select it.

-**Refresh frequency:** Select and Setup it with Close, refresh it per hour, every day, weekly, monthly, per season.

-**Setup sort order:** Setup sort order when refresh it every time.

### 13.3 Game Setting

To setup the game Sound Effect and Vibration.

## 14. Profile

Your phone has various user profiles for which you can customize the phone tones for different events and environments. The following profiles are available: normal, meeting, and outdoor, indoor, handset, bluetooth. Please select different profile according to the current situation, and then activate your customized profile. Headset is available on condition of inserting earphones. Meanwhile, other profiles are not available to activate. That is to say, other profiles are hided temporarily.

### 14.1 Normal

Be available in normal setting.

### 14.2 Meeting

Be used in Meeting profile, it should be set beforehand. (Example: change ringing to vibrating.)

### 14.3 Outdoor

For outdoor activities, it should be set in advance. (For example, be available to set the ringing to much high volume.)

### 14.4 Indoor

Be available in indoor environment. To be set in advance.

### 14.5 Headset


Insert headset, to set beforehand. (Example: turn down the volume)  
And then activate the selected profile.

### 14.6 Mute

In standby mode, press and hold # key to access into mute mode and open vibrator. It will show [🔕] standby mode. It will exit to the former mode when make same operation.

### 14.7Bluetooth

It will enter the Bluetooth mode when connect with the Bluetooth earphone. This mode without 'OPEN' option, the settings operation is same as the normal mode.

 **Notice:** Except **Mute** mode, other five profiles have been set by the factory, and defaulted to active **Normal** mode.

Press **Left/ Right Key** to the profile you need and press "**Option**":

**-Activate:** Active the profile you select.

**-Customized:** To customize profile, you can change the settings of the selected profile, including **Tone Setup, Volume, Alert Type, Ring Type, Extra Tone, and**

**-Answer Mode.** The following explanation will be for your reference:

- **Tone Setup** Select a ring from the ready tones to be ring tones. As for Incoming call and Alarm, systematic and customized rings are for your option. However, concerning the ring type of "Power On/Off, Message Tone, Keypad Tone", it still provides predefined tones for your option or turn off relevant volumes by

- **Volume**      Silent; the Keypad Tone can be set as “Silent, Click, Tone”.  
Control the volume of **Ring Tone** and **Key Tone**. In the volume modulating interface, you can set and modulate volume through **Up/Down Key** and **Left Side Key**.
  - **Alert Type**    You can select any one of “Ring, Vibration Only, Vibra and Ring, Vibra Then Ring” as your current alert type.
  - **Ring Type**    You can select any one of “Single, Repeat, Ascending” as the current ring type.
  - **Extra Tone**    Set Option/Cancel the alert tones of **Warning, Error, Camp on and Connect**, in the relevant situations, it is reminded by tones.
- Answer Mode**    Can **Option/ Cancel** Auto Answer mode (headset mode only) or Any Key answer mode (except End Key and Right Soft Key) and save the setting.

## 15. Tools

### 15.1 Calendar

Enter “Calendar”, Monthly view provides an overview of the selected month and weeks. It also allows you to jump to a specific date. Any days or dates that appear in bold font contain calendar notes such as a meeting or reminder. Press “**Up/Down/Left/Right Key**” to change the date, the calendar in the bottom of screen will update accordingly.

#### ◆ Task List

In calendar interface, press **Left Soft Key “option”** to access **Task List** submenu. Select **Add New** or access **Option** to add Task List to the current day. You can also access **Option** to select **Jump to Date** to add Task List. In power on mode, when the event you prearranged gets the time, the device will ring to alert you to finish the event. When the schedule is empty, you can add new schedule; when there is schedule, press Left Soft Key “Option” to make following operation:

##### ■ Browse

View the selected scheduling content.

##### ■ New Entry

Select “New Entry” to create the calendar scheduling. Scroll the “Up/Down Key”. You can edit “Date, Time, Remark, Alarm, and Mode”


-**Date** Set the start time of calendar schedule practiced.

-**Time** Set the time scope of finishing schedule

-**Remark** Edit the subjects of dated schedule (**note:** the remark content can't be empty).

-**Alarm** “**ON/OFF**” alarm, set alarm when the start time is up in business schedule

**Method** Set up the alarming modes as “**Repeat once, Everyday, Customize**”. (default alarming between Monday and Friday). Users can define alarming in some days

 **Notice:** the device provides certain storage for schedule calendar, if you can't entry new copy, you must delete some less important records in order to create new. Only “ON” the alarm, this mode can be effective.

##### ■ Edit

Select “Edit”, then Edit and modify the selected records such as “Date, Time, Remark, Alarm, Mode”

##### ■ Delete Records

Delete the current scheduling

##### ■ Delete All

Delete all the scheduling

##### ■ Transmit Message

Transmit the text to other handset by SMS

or Select “Save File” and keep it in your own handset.

#### ◆ Jump To Date

Move the selected date, input it, then press the “Left Soft key” for confirmation. The display will show a setting date.

## 15.2 To do List

Use the to-do list feature to keep track of your tasks. You can save a note for a task, select a priority level for the note and mark it as done when you have completed it. You can sort the notes by priority or by date. In the menu of “Option”, you can “**Browse, Add New, Edit, Delete Record, Delete All,, Transmit Working Schedule.**”

## 15.3 Alarm

Your mobile phone can have three alarms ( the alarm time is effective when power off)。

In Alarm lists of Alarm submenu, select one for edition: it can set “**ON/OFF, Time, Alert Type of alarm.** Among these settings, you can choose setting as: **Once, Everytime, Days** ( Default alarm on Monday to Friday, users also can set certain days within a week.

 **Notice:** The alarm do not work when handset connect to PC.

## 15.4 World Clock

Access the “**World Clock**”, the display will show a picture of world time zone, move by **Navigation Key**, the standby display will show the selected City’s time



## 16. Services

In main menu interface, scrolling **Navigation Key** to select “**Services**”, you can use the enhanced services supplied by network operator.

### 16.1 STK\*

Accessing **Services** menu, the first submenu is **STK**.

**STK** is value-added service supplying by network operator.

You can't use the function if SIM card and network operator don't support the service. You can consult with network operator for more information. For example, in China mainland, for the China Mobile M-zone subscriber the menu will show M-zone; and for China Union SIM card subscriber, the menu can't be used.

### 16.2 WAP

Your phone support WAP service. You can visit various WAP services, such as news, weather report and airline, etc. The service is designed for mobile phone and maintained by WAP service supplier.

WAP service need the support of network, you can consult the network operator or service supplier about usability, price and tax of WAP. The operator can also provide the user manual about WAP.


#### ◆Homepage

Selecting **Homepage**, you can login on the address. If you have not set an address, you will login on the predefined address by factory.

#### ◆Bookmark

Selecting **Bookmark** will show the bookmark list, the phone can save 30 bookmarks totally. Scroll **Up/ Down Key** to select one bookmark and press **Left Soft key “Option”** to make following operation:

- View**            Connect with the bookmark website.
- New**            Edit and add **Name** and **URL** to new bookmark.
- Edit**            Edit **Name** and **URL** of current bookmark.
- Set to homepage** Set the bookmark URL as login on homepage URL.
- Delete**           Delete the bookmark.
- Delete All**      Delete all bookmark information.

 **Notice:** Before using, please check the bookmark list is not empty. We have set some website in common use as bookmark for you to edit and use.

#### ◆Link

In the menu, input the URL address you want to visit and press **Left Soft key “Option”** and “**Done**” to connect to WAP website. Besides **Bookmark** and **History**, the function provides you a smart way to visit website

**Note:** It is no need of you to add http://, the prefix will be added automatically. For example, login on sina, only input: wap.sina.com, is ok.

#### ◆Files

In the submenu, you can save 20 websites as local file. Access “**File**” menu, press **Left Soft key “Option”** to make following operation.

- View**            Connect with certain address of the website.
- Delete**           Delete the website.

**Delete All** Delete all website in file.

#### ◆History

In the submenu, it will list the website that you visit recently. Select one history, press **Left Soft key "Option": View** can connect with WAP website you want; **Delect** is to delect the selecting history; **Delete All** is to delete all history that saving in "**History**" menu

**Note: If you try to or has succeeded in visiting some website that need password (such as you bank account), please clean cache and history after using.**

#### ◆Setting

In **Setting**, you can make following operation for WAP sevice:

- **Network Setting** Includes the setting of **Homepage, Gateway, Port and Account.**
- **Color Setting** Includes the color setting of **Normal Text, Link Text, Link Background, Active Text and Activation Background.**
- **Advaced Setting** Includes **Cache Setting, Cookie Setting and Display Setting.** **Cache Setting** includes the setting of whether Using Cache and Cache size. **Cookie Setting** includes the setting of whether Using Cookie, Cookie Size and Cookie Number. **Display Setting** includes the setting of whether allow displaying images and playing background music, you can press **Left Soft key to Select** or **Cancel** and press **Right Soft key "Done"** to save setting.
- **Pushbox** Setting of Whether allow Pushbox receive PUSH message.

**Note: Cookie is a bit of message content that sent with a HTML website to your browser when you visit a website.**

#### ◆PUSH box

Pushbox can read service message.

Your phone can receive service message (push message) from network operator. For example, servie message can be a notice of brief news which may contain a text and WAP service address. There are three way to deal with the messae: **Read, Delete** and **Delete All.**

#### ◆WAP Online Direction

##### ■ Online Function

When browse WAP serive, press **Left Soft key "Option"**to make following operation.

- **Homepage** The default homepage of hardware platform is monternet.
- **Bookmark** Access bookmark list.
- **Link** Input the login on website and link it.
- **Refresh** Refresh the browsing website.
- **Stop** Stop download current website.
- **Disconnect** Disconnect website. You can browse the opening website, and connect website and login on again by selecting relevant link.
- **Option** Press **Left Soft key** to open or fold "**Option**"menu list, and will show following content:
  - **Homepage Setting** Set the current website as homepage.
  - **Save websit** Save current website to **File** menu.
  - **Save Picture** Save pictures of current website to **File Manager.**
  - **History** Access history list.
  - **File** Access file list.
  - **Setting** Access browser setting interface.
  - **Pushbox** Access Pushbox list.
  - **Exit** Exit from browser.

**Note:** When browsing WAP, press “End Key” to select whether exit from WAP, if YES, the phone will disconnect WAP and return to standby.

**Keypad direction in browsing:**

- Scroll **Up/ Down Key** to browse WAP website.
- Press **Left Soft key “Option”** to access online function operation.
- Press **Number Key 0-9** to input letter and number.
- Press **\* Key** to select symbol.
- Press **# Key** to shift input mode.
- Press **Calling Key** to access next website.
- Press **Right Soft key** to return, cancel or exit.

**Note:** Keypad function will be various for different WAP service. Please operate according to direction words on display. For more detail, you can consult with WAP service supplier.

## 16.3 Data Account

### ◆GSM Data

In the submenu, will show GSM data account; selecting one, you can make following

-Edit:

- Account Name** Can edit account name.
- Number** The connect number of current account.
- User Name** User name of dialing server (not WAP gateway) default as wap.
- Password** Password of dialing server (not WAP gateway) default as wap.
- Line Type** Can select Analogue or ISDN type.
- Speed** The speed of connecting WAP, press Left/ Right Key to set as 4.8Kbps, 9.6Kbps or 14.4Kbps.
- DNS** DNS server address of WAP.

### ◆GPRS data

In the submenu, will show GPRS data account; selecting one, you can make following **Edit**:

- Account Name** Can edit account name.
- APN** Input APN, default as cmwap.
- User Name** User name of APN server, default as no content.
- Password** Password of APN, default as no content.

-**Auth. Type** It is auth. type in WAP, you can press Left/ Right Key to select between **Normal** and **Secure**.

## 17. Extra

### 17.1 Calculator


Your mobile phone provides a calculator with 4 basic functions to facilitate simple calculations.

Enter the “**Calculator**” submenu to display the operation interface of the calculator:

- Use the **Number keys** from **0** to **9** to enter the numbers you wish to enter, use the **# key** to enter the decimal point.

- Press the **up/down keys** and **left/right keys** to enter the symbols for the four mathematical operators  $+$ ,  $-$ ,  $\times$  or  $\div$ .

- By pressing **Right soft key** you can delete the latest entry or result, press the **right soft key**, “**EXIT**”, to exit the calculator, press the **left soft key**, “**=**” to calculate the result.

 **Notice:** The precision of this calculator is limited so that rounding errors may occur, especially can't divide exactly. when calculating over the scope, the display area will indicate by letter “E”. Numbers shown area of calculator, the first line displayed stored numbers .

### 17.2 Unit Converter

Select “**Unit Converter**”, you can convert the “**Weight Unit**” and “**Length Unit**”

#### -Weight

Select to the relevant function menu by Up/Down Key, press “Left/Wright Key” to Convert “**Kilogram <-> Ounce**” and “**Kilogram<-> Pound**”. Choose the Converter unit, enter numbers in any unit column, then “Option”, it will show the result in another one.

#### -Length

Select to the relevant function menu by Up/Down Key, press “Left/ Rright Key” to Convert “**kilometer <-> mile**” and “**Meter<-> Inch**”, “**centimeter <-> fathom**”, Choose the Converter unit, enter numbers in any unit column, then “**Select**”, it will show the result in another one.

**Note:** the most length of **Unit Converter** could be eight effective numbers (including decimal point), if it is over the scope, it has no way to enter. The convert results will show the scope of fourteen effective numbers (including decimal point). Press “**# Key**”, select decimal point while inputting.

### 17.3 Currency Converter

Perform currency conversion, select **Menu > Extra> Calculator**. Save the exchange rate, select **Options > Exchange rate**. Select either of the displayed options. Enter the exchange rate, press the **#** key for a decimal point, and select **OK**. The exchange rate remains in the memory until you replace it with another one. To perform the currency conversion, enter the amount to be converted, and select **Options > In domestic** or **In foreign**.

### 17.4 Health

Under the “Health”, it includes “**BMI (Body Mass Index) and Menstrual**.”

- **BMI (Body Mass Index)** IN the menu, select your Sex and input your

height,(scope:55—300cm)\ weight (scope:1-300Kg) >>select >>it will be given your BMI for reminding the Thin,, Normal or Fat of your BMI.

#### ■ Menstrual

Enter the Female's last Menstrual Date and Average Cycle. Your device will mark menstrual circle so that you can arrange your schedule.

## 17.5 E-book Reader

### -CleanUp Bookshelf

### -Global Settings

1. Font Style: Normal、Italic、 Bold。
2. Font Size: Small、 Medium、 Large。
3. Scroll By: Page、 Line。
4. Auto Scroll: Off、 On。
5. Scroll Speed: one、 two、 three、 four。
6. Full Screen: Off、 On。
7. Encoding: English (Windows)、 UCS2、 UTF8、 GB3212 (Simplified Chinese)。

**△Notice:** E-book default file format is txt, file is limit 4M 。

## 17.6 Stopwatch

**-Split Timing:** 20 record。

**-Lap Timing:** 20 record。

**-View Record:** view record、 delete record、 delete all record。

## 17.7 Bluetooth

This function of Bluetooth support the following functions:

- 1> **Activate:** to activate or close Bluetooth function.
- 2> **Search for hand-free sets:** to search other Bluetooth equipments.
- 3> **My settings:** The setting list of Bluetooth connecting with the mobile phone.
- 4> **Settings of connecting:** The setting list of Bluetooth had connected with the mobile phone.
- 5> **Sets up:**
  1. This set can be searched: To set up the Bluetooth equipment if can be searched by other Bluetooth equipments or not
  2. The name of Bluetooth settings: the name of Bluetooth setting, can edit
  3. Certificate requirements: to set up if the Bluetooth sets need certificate or not
  4. To set up the voice route: To set up the voice route as save in mobile phone or turn to hand-free sets
  5. File transferring settings:
    1. Share the directory: to set up the boot directory available when other Bluetooth connecting with the mobile phone.
    2. Directory purview: to operate the share directory purview after other Bluetooth setting connected with this mobile phone
  6. Remote SIM card mode: When opening the capabilities to make other equipment (for example, car kits) through Bluetooth technology (SIM access patterns, SAP) use phone SIM card.
- 6> **My bluetooth:** the information of this Bluetooth settings

**△Note:** BT default password is 0000 。

## 18. Shortcuts

Under this menu, you could choose a certain function to operate the selected menu.

Most submenus have shortcut numbers. This shortcut number is the function's corresponding index number. It can setup 10 shortcuts.

### **Settings—phone settings--Dedicated Key**

Under the submenu, you can edit shortcuts functions of **Up /Down/Left/ Right** in standby mode


Enter the submenu's shortcut number to enter the corresponding item。


## 19. USB Mode

Your mobile phone supports use of **Usb disk and PC-camera**

Enter “**USB mode**” submenu, you can see **Mass Storage \ Webacam \ COM Port** options.

- **Mass Storage:** use the handset as **Usb Disk**.
- **Webacam:** connect the camera with PC as a PC-camera usage. If you want to operate this function, connect your handset with PC by USB data wire and install a correct disk, then select this option.
- **COM Port:** use special drivers, when the modulator can be used.







 **Notice:** some installing instruction of PC Camera Disk, please refer to the attached (PC Camera Function Instruction).

 **Notice:** it's better to insert and remove T-FLASH card under handset power off or standby mode.

## 20. Input Mode

### 20.1 English and Number input

The definition of keypad under English and Number Input:

Key	Character or Function
Number key 1	. , - ? ! ' @ : # \$ / _ 1
Number key 2	ABCabc2
Number key 3	DEFdef3
Number key 4	GHIghi4
Number key 5	JKLjkl5
Number key 6	MNOmno6
Number key 7	PQRSpqrs7
Number key 8	TUVtuv8
Number key 9	WXYZwxyz9
Number key 0	0 or Blank
 key	Press this key to bring up the input box for symbols
 key	To switch input modes
 key	To page up or move the cursor up
 key	To page down or move the cursor down
 key	To scroll to the left
 key	To scroll to the right
Left soft key	To confirm
Power on key	To return to the standby interface



## 21. Appendix

### 21.1 FCC

- FCC Part 15 statement

This device complies with part 15, part 22 and part 24 of the FCC rules.

Operation is subject to the following two conditions:

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

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

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

### **WARNING**

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

- For body worn operation, this phone has been tested and meets FCC RF exposure guidelines when used with an accessory that contains no metal and that positions the handset a minimum of 1.5cms from the body. Use of other accessories may not ensure compliance with FCC RF exposure guidelines

### **21.2 Health and safety information**

The phone with internal antenna has been tested for compliance with FCC RF Exposure (SAR) limits and is complied with FCC RF exposure compliance requirements.

#### **Exposure to radio frequency energy**

- Radio wave exposure and Specific Absorption Rate (SAR) information .The handset is designed to comply with safely, requirements for exposure to radio waves. This requirement is based on scientific guidelines that include safety margins designed to assure the safety of all persons, regardless of age and health.
- The radio wave exposure guidelines employ a unit of measurement known as the Specific Absorption Rate, or SAR. Tests for SAR are conducted using a

standardized method with the phone transmitting at its highest certified power level in all used frequency bands.

- While there may be differences between the SAR levels of various ZTE phone models, they are all designed to meet the relevant guidelines for exposure to radio waves.
- The SAR limit recommended is 1.6W/kg averaged over one(1) gram of tissue. The highest SAR value for this model phone tested by China TTL for use at the head is 0.19 W/kg(1g)
- The highest SAR value for this model phone tested by Chian TTL for use at the body is 0.678 W/kg(1g) SAR compliance for body-worn operations is restricted to belt-clips, holsters, or similar accessories that have no metallic component in the assembly and which provide at least 1.5 cm separation between the device, including its antenna, and the users body.

### **21.3 Battery Safety**

- Do not disassemble or modify the battery, as this will cause the battery to leak, overheat, crack and catch fire.
- Do not dispose of old batteries with everyday domestic garbage. Please dispose of old batteries at the directed places with specific rules for their disposal.
- Please do not put/throw batteries into a fire, as this will cause the battery to catch fire and explode.
- When installing the battery, do not use force or pressure, as this will cause the battery to leak, overheat, crack and catch fire.
- Please do not use wires, needles or other metal objects to short-circuit the battery. Also, do not put the battery near necklaces or other metal objects, as this will cause the battery to leak, overheat, crack and catch fire.
- Please do not solder the contact points of the battery, as this will cause the battery to leak, overheat, crack and catch fire.
- If the liquid in the batteries goes into the eyes, there is a risk of blindness. If this occurs do not rub the eyes, but immediately rinse eyes with clear water and go to the hospital for treatment.
- Please do not use or place the batteries near high temperature places such as near a fire or heating vessel, as this will cause the battery to leak, overheat, crack and catch fire.
- If the battery overheats, changes colour, or becomes distorted during use, charging, or storage, please stop using and replace it with a new battery.
- If the liquid from the battery comes in contact with skin or clothing this could cause burning of the skin. Immediately use clear water to rinse and seek medical attention if necessary.
- If the battery leaks or gives off a strange odour, please remove the battery from the vicinity of the open fire to avoid a fire or explosion.
- Please do not let the battery become wet as this will cause the battery to overheat, smoke and corrode.
- Please do not use or place batteries in places of high temperature such as in direct sunlight, as this will cause the battery to leak and overheat, lower

performance, and shorten the battery's life.

- Please do not continuously charge for more than 24 hours.
- Please place the battery in a cool, shady and well-ventilated place out of direct sunlight.

#### **21.4 Use Safety ,Clearing and Maintenance**

- Please keep mobile phones, batteries and chargers away from children, to prevent them from injuring themselves with them.
- In order to prevent damage to your mobile phone, only accessories, designated by your manufacturer such as batteries and charge, may be used with your mobile phone. The use of other batteries or chargers could result in battery leakage, overheating, cracking, fire or other malfunctions.
- Please do not use your mobile phone near low signal or precision electronic equipment. Radio wave interference may cause the malfunctioning of such electronic equipment and other problems. Special attention must be paid near the following equipment: hearing aids, pacemakers and other electronic medical equipment, smoke detectors, automatic doors and other automatic control installations. To find out the effect of mobile phones on a pacemaker or other piece of electronic medical equipment please contact the manufacturers or local sales agents of the equipment.
- This mobile phone is equipped with an auto power on function. Please refer to the mobile phone's clock setting to assure that the mobile phone will not automatically turn on during a plane flight.
- To avoid the mobile phone malfunctioning, or catching fire, please do not violently impact, jolt or throw your mobile phone.
- Please do not place the batteries, mobile phone or charger in a microwave oven or high-pressure equipment. Otherwise it could lead to unexpected accidents such as damage to the circuitry or fire.
- Please do not use your mobile phone near flammable or volatile gases, otherwise it could cause malfunctioning or fire.
- Please do not put your mobile phone at high temperatures, high humidity or dusty places, otherwise this may lead to the malfunction of your mobile phone.
- To avoid your mobile phone falling and malfunctioning or being damaged, please do not place your phone on uneven or unstable surfaces.
- Please use only the antenna that originally comes with the mobile phone or one that is approved by your manufacturer. An unapproved antenna, or the refitting or an addition to the attached antenna could damage the mobile phone. Please do not touch the antenna when making a call. Touching the antenna will affect the call quality and cause the phone to operate at a higher power level than needed by normal use. Moreover, using an unapproved antenna may be in violation of the regulations of the country you are in.
- Do not disassemble or modify the mobile phone, as it will lead to damage to the phone such as battery leakage or circuitry failure.
- Please do not subject the LCD to impact or use the screen to strike things, as this will damage the LCD board and cause leakage of the liquid crystal. There is

a risk of blindness if the liquid crystal substance gets into the eyes. If this occurs rinse eyes immediately with clear water (under no circumstances rub your eyes) and go immediately to a hospital for treatment.

- Under very rare circumstances using the mobile phone in certain model cars may negatively effect the internal electronic equipment. In order to assure your safety under such circumstances please do not use the mobile phone. If your car is equipped with an airbag, please do not place your phone on top of, or within the contact area of the airbag in order to avoid seriously harming the driver or passenger when the airbag inflates.
- Please do not use needles, pen tips, or other sharp objects on the keypad as this may damage the mobile phone or cause it to malfunction.
- If the antenna is damaged, please do not use the mobile phone to avoid injury.
- Avoid letting the phone come into close contact with magnetic objects such as magnetic cards as the radiation waves of the mobile phone may erase the information stored on floppy disks, pay cards and credit cards.
- Please keep small metal objects, such as thumbtacks, far away from the receiver. When the receiver is in use it becomes magnetic and may attract these small metal objects and thus these may cause injury or damage on the mobile phone.
- Avoid having the mobile phone come into contact with water or other liquids. If liquids enter the phone, this could cause a short circuit, battery leak or other malfunction.
- The mobile phone, battery and charger are not water resistant. Please do not use them in the bathroom or other excessively moist areas and likewise avoid allowing them to get wet in the rain.
- Use a soft, dry cloth to clean the mobile phone, battery and charger.
- Please do not use alcohol, thinner, benzene or other solvents to wipe the mobile phone.

A dirty outlet will cause poor electrical contact, lose of power and even inability to recharge. Please clean regularly.

## **21.5 Trouble shooting**

If anything unusual occurs while using your mobile phone, please refer to the following table. If can not solve it yet, please contact with your trader or service supplier.

## **21.6 FAQ & Solution**

<b>Frequently Occurring Problems</b>	<b>Cause</b>	<b>How to Fix</b>
Weak Signal	Have no mobile signal in a remote place and the signal can't reach	Avoid to use mobile in a remote place
	Have no mobile signal in a dialing jam time e.g.when duty on or duty off	Avoid to use mobile in a remote place
	Too far from the frequency transmitting tower	Ask the network operator to announce the network overlay

Echo cacophony or	A regional problem caused by a bad network relay wire	Hand up and redial, maybe can change network relay wire
	Some areas relay wire is not so good.	
Standby time becomes short	Standby time is related to the network system setting	Turn of the mobile when in weak signal area
	Need to change the battery	Use a new battery
	Searching the network transmitting tower will use up a large of power and shorten the standby time	Move a place with strong signal or power off the phone.
Fail to turn on the mobile	The power of battery is used up	Check the battery power capacity or recharge it
SIM card error	SIM card is damaged	Contact with your supplier
	SIM is installed incorrectly.	Check whether SIM card is installed correctly
	There is feculency on the metal surface of SIM card	Wipe the metal touch part of SIM card with clean cloth
Fail to connect the network	Invalid SIM card	Contact with your supplier
	Outside the coverage of GSM service	Consult with the network operator
	Weak signal	Move to a place of strong signal and try again
Fail to call	Have set call bar function	Disactive call bar function
	Have set a fixed dial	Disactive the function
PIN wrong	input wrong PIN code continuously for three times	Contact with your network operator
Fail to charge the battery	Battery or charger is damaged	Change a new battery or a new charger
	Recharge the battery in a environment below 10℃ or above 55℃	Improve the charging environment
	Bad tangency	Check the charger plugging
Fail to add in phone book	The phone book memory is full	Delete some record
Fail to set some function	The network operator have no the service or you didn't reply for the service	Contact with your network operator

● **Note**

It is made of our company, we will print in the manual errors and the latest function of the Department is no longer incompatible with further notice, but will compile the latest in the user manual. The manual of the Company under the interpretation of all, we retain described in the manual improved the product without prior notice rights.