

1 Brief	4
1.1 safety notice	4
1.2 Safety alert and notice	5
2. Your mobile phone.....	7
2.1 Screen.....	8
2.2 Backlight Setting.....	8
3. Get started.....	8
3.1 Insert a SIM card and battery.....	8
4. Security.....	9
4.1 Phone and SIM.....	9
4.2 Connect to network.....	10
4.3 Battery Charging.....	10
4.4 USB Charging.....	10
4.5 Switch on or off.....	10
4.6 Speaker.....	10
4.7 T-Flash card.....	11
5. Input.....	11
5.1 Input Icon.....	11
5.2 Hand write input.....	11
5.3 English Input.....	11
5.4 Number Input.....	12
6. General Function.....	12
6.1 Make a call and answer a call.....	12
6.2 Answer a call.....	12
7. Menu.....	12
7.1 Multimedia.....	12
7.1.1 Mp3 player	12
7.1.2 Media pLayer	12
7.1.3 Video Recorder	13
7.1.4 Camera	13
7.2 Phonebook.....	14
7.2.1 Fast search	14
7.3 MMS.....	14
7.3.1 Messaging	14
7.3.2 Write and send messages	14
7.4 MMS.....	15
7.4.1 Inbox-receive messages	15

7.4.2 Pre-setting Message	15
7.4.3 Setting	15
7.5 Voice Box.....	16
7.6 Cell Broadcast.....	16
8. Call register.....	16
8.1 Missed Calls.....	16
8.2 Dialed calls.....	17
8.3 Received phone.....	17
8.4 Clear call lists.....	17
8.5 Call Duration.....	17
8.6 Call Cost.....	17
8.7 SMS counter.....	18
8.8 GPRS counter.....	18
9. Tool Box.....	18
9.1 Calendar.....	18
9.2 Memorandum.....	18
9.3 Alarm.....	19
9.4 World Time.....	19
9.5 quick function.....	19
10. Entertainment World.....	19
10.1 Entertainment.....	19
10.1.1 Intelligent Puzzles	19
10.1.2 Stop Watch	20
10.1.3 Graphics Editor	20
10.1.4 games settings	20
10.2 Multimedia.....	20
10.2.1 MP3 player	20
10.2.2 Media player	20
Store route : choose to store on mobile or memory card	21
10.2.3 Recording	21
10.2.4 Media Video	21
10.2.5 Abum.....	21
10.2.6 Photo Editor:	21
10.2.7 Ringtone setting	22
11. Additional Function.....	22
11.1 calculator.....	22
11.2 unit conversion.....	22

11.3 Currency Conversion	22
12. System Management.....	22
Electronic book	22
12.1 Setting.....	22
12.1.1 Screen Adjustment	22
12.1.2 Phone Setting	23
12.1.3 talk setting	24
12.2 Network Setting.....	26
12.3 Security setting.....	26
12.4 Restore settings.....	27
12.5 Sound Effect.....	27
12.6 Scene Mode.....	27
12.6.1 general mode	27
12.6.2 Conference mode	28
12.6.3 Outdoor mode	28
12.6.4 Indoor mode	28
12.6.5 Earphone mode	28
Agenda 1: simple fault eliminate.....	28

1 Brief_

To help your mobile phone be in good using condition , please read this manual carefully . This mobile is the perfect production of personality design and delicate craftsmanship , having flown line figure , comfortable touch feel . perfect combination of convenient hand writing function and keypad . colorful touch screen , dulcet ringtones , cartoon incoming call icons , huge manage function of files , fashionable camera and video function . long time voice record function , MP3 , MP4 player, support MMS ,WAP. Give convenience and fun to your work and life .

1.1 safety notice

If your phone is lost or theft, please notice telecom to ban using of this phone and SIM card . (this function needs the support of network) , which can avoid economic loss caused by imitating calls . To avoid misusage of your phone , please take safety measure, such as :
Setting SIM card and PIN No. Setting phone PIN

Sicherheitshinweise



Lesen Sie diese einfachen Richtlinien. Eine Nichtbeachtung dieser Regeln kann gefährliche Folgen haben oder gegen Vorschriften verstößen. Weitere detaillierte Informationen finden Sie in diesem Handbuch.



VERKEHRSSICHERHEIT GEHT VOR

BENUTZEN Sie während der Fahrt kein Mobiltelefon; parken Sie zuerst das Fahrzeug.



INTERFERENZEN

Bei Mobiltelefonen kann es zu Interferenzen kommen, die die Leistung beeinträchtigen könnten.



IN KRANKENHAUSERN AUSSCHALTEN

Befolgen Sie alle Vorschriften und Regeln. Schalten Sie das Telefon in der Nähe Medizinischer Geräte aus.



AN BORD EINES FLUGZEUGS AUSSCHALTEN

Mobiltelefone können Interferenzen verursachen. Ihre Verwendung an Bord eines Flugzeugs ist verboren.



AN TANKSTELLEN AUSSCHALTEN

Benutzen Sie das Telefon nicht in Sprenggebieten. Beachten Sie es nicht in der Nähe von Kraftstoff oder Chemikalien.



IN TANKSTELLEN AUSSCHALTEN

Benutzen Sie das Telefon nicht an Tankstellen. Verwenden Sie die Einschrankungen, und befolgen Sie die Vorschriften und Regeln.



UMSICHTIG VERWENDEN

Halten Sie das Gerät wie einen gewöhnlichen Telefonhörer.

Berühren Sie die Antenne nicht unnötig.



QUALIFIZIERTEN KUNDENDIENST IN ANSPRUCH NEHMEN

Nur qualifiziertes Kundendienstpersonal darf das Gerät installieren und reparieren.



ZUBEHÖR UND AKKUS

Verwenden Sie nur zugelassenes Zubehör und zugelassene Akkus. Schließen Sie keine vom Hersteller nicht zugelassenen Produkte an.



AN ANDERE GERÄTE ANSCHLIESSEN

Wenn Sie das Telefon an ein anderes Gerät anschließen, lesen Sie die Bedienungsanleitung zu erhalten. Schließen Sie keine vom Hersteller nicht zugelassenen Produkte an.



ANRÜGE TÄTIGEN

Stellen Sie sicher, daß das Telefon eingeschaltet und betriebsbereit ist. Geben Sie die Telefonnummer mit Vorwahl ein, und drücken Sie anschließend die Taste  (Anrufen). Das Gespräch beenden Sie durch Drücken der Taste  (Auflegen). Einen Anruf nehmen Sie durch Drücken der Taste  (Antworten) entgegen.



NOTRUF

Stellen Sie sicher, daß das Telefon eingerichtet und betriebsbereit ist. Halten Sie die Taste  zweimal einige Sekunden lang gedrückt, um die Anzeige zu löschen. Geben Sie die Notrufnummer ein, und drücken Sie anschließend die Taste  (Anrufen). Geben Sie Ihren Standort durch. Beenden Sie das Gespräch erst, nachdem Sie dazu aufgefordert wurden.

1.2 Safety alert and notice

safety alert

- ◆ Traffic safety is most important
 - Please do not use your phone when driving. If have call inevitably, please use handsfree accessories. Remember, it is illegal in some countries to have a call when driving.

- ◆ please power off your phone on plane
Mobile phone may cause interference .Using phone on plane is illegal and dangerous . please make sure keep your phone power off during flight .
- ◆ Power off within dangerous area
At gas station , oil &digging plant ,chemical plant or explosion spot , please abide by relevant law or rules , and power off your phone
- ◆ Abide by special regulations
Abide by special regulation ,and keep your phone power off at phone taboo places or any place may cause interference or danger (such as : hospital)

Interference

- | Any phone can have talk quality interference by radio wave_
- | Specialization service
Phone can be only installed and maintained by professionals . self install and maintain may Caused danger, and against guarantee regulations .
- | ◆ Fittings and battery
Only use the fittings and battery approved by suppliers_
- | ◆ Use properly
Use phone in proper way
- | ◆ emergency call

Make sure your phone is power on and at service , input emergency call No. such as 112 and others ,dial to call ,tell your position and make a brief of status , without permission , Please do not terminate conversation .

Note: as any other mobiles , for the reason of network or signal transfer status ,may not support all the functions of this mobile . Certain network may even not support 112 emergency call . So you can not depend on your mobiles totally when there is important communications . (such as medical first aid) . please contact local network supplier for information and check.

battery using

- ◆ Only for original battery charge. Avoid damage caused by charging improperly .
- ◆ Power off before taking out battery
- ◆ Using battery with care .connect positive pole and negative pole using metal parts (coin ,clamp) may cause short circuit and damage battery and metal parts . When put battery in bag, please note to avoid metal parts (such as keys) to contact battery positive and negative pole directly .

Please do not throw battery into fire, and put it at very hot position.

Please do not disassembly and refit battery

Do not put battery at machine impactive places , and poke battery with hard things.

Put battery at cool and dry places , never put at hot places (over 55 °C)

| Please stop using it once there is odd smell or over heat .

| Please stop using it when there is any crack ,distortion or any other damage on battery or electrolyte leakage.

| If the leaked electrolyte touchs skin or clothes, please clean it with soap and water. Once the electrolyte goes into eyes, please wash with water and go to see a doctor.

| Do not use li-ion battery under low temperature condition which will can not get maximum standby/talk time .

| Do not clean battery with water or any impregnant cleanser ,and put battery into water .

| Please charge the battery fully before store it if do not ues it for a long time .

| Wasted batteries suggested return to manufacturer or put at appointed public betttery reclaim area , do not mix battery with other waste or dispose of battery ad libitum .

Notice

Your mobile has nice design and delicate craftsmanship,should be protected carefully. The following suggestions can help your mobile pass guarantee period and be used for many years
Do you touch touch screen with sharp objects ,and keep screen clean . Never use the pen when it is damaged ,so that it will not damage screen . It is normal if the screen startup

Slowly under low temperature .

Put mobile and other parts and fittings beyond the reach of children .

Keep mobile dry. Keep away from rain, moisture and liquid which may contain erode matters .

If the mobile is weted , please take out battery, and reput it in when dry totally

Do you use or store mobile at dusty places in order to avoid its parts damaged

Do not put phone at hot places. High temperature will shorten the life of electron circuit ,and damage battery and certain plastic parts.

Do not put mobile at cold places .Otherwise the mobie will have humidity ,and damage electron circuit board.

Do not throw ,beat or vibrate your mobile which will damage the electron circuit board and structure.

Do not use erosional chemical product, cleanser or scour to clean mobile . please dip little suds with soft towel to clean.

If your mobile or fittlings can not work. Please send to professional services station. Professionals there will give you help and give maintain service.

2. Your mobile phone



2.1 Key Pad

The mobile has the following keys

Name	Explanation
End Key	<ul style="list-style-type: none">◆ Dial or answer phone call◆ Browse call records by pressing this key under standby mode
dial key	<ul style="list-style-type: none">◆ Dial or answer phone call◆ Browse call records by pressing this key under standby mode
function confirmation key	<ul style="list-style-type: none">◆ Perform the words at screen bottom line .
Volume control key	<ul style="list-style-type: none">◆ Under standby mode , press up key to increase volume , and down key to minus volume◆ Under talking status , press up key to increase volume , and down key to minus volume, long time press up key to record voice and down key to end recording .◆ Under music playing status , short time press up key to increase volume, short time press down key to minus volume, long time pressing up and down key to adjust key press volume

2.1 Screen

Screen includes three parts

- ◆ Icons on top indicates the signal status and battery volume
- ◆ Middle area indicate messages , indication and other input content. Including numbers , words and dynamic icons
- ◆ Bottom area has two divisions : two icons and five function icons

icons on top

Icons	Content
	Signal
	Lock Key
L1	Line 1
	MMS
	Connect to Network
	Alarm Clock
	Transfer
	Missed Call
	Having SMS or SMS Full
	Earphone Mode
	Battery Volume
	Ring
	Vibrate
	Ring after Vibrate
	Ring after and Vibrate

Bottom Icons

icons	Enter function
	Enter Call Record Function
	Enter Project Hall File
	Enter MSM Function
	Enter Music Box Function
	Enter Standby Status

2.2 Backlight Setting

Setting LED backlight time by menu option

3. Get started

3.1 Insert a SIM card and battery

SIM card has your information , including your mobile phone number , PIN , PIN2 PUK (PIN UNLOCK KEY)

PUK2 (PIN 2 UNLOCK KEY) and IMSI Code and nerwork info , phonebook and messages .

Note:

Please note: this mobile phone support 1.8V and 3V SIM card. Not support 5V SIM card

Take out /insert SIM card after several seconds of power off

Please keep your mobile phone and SIM card out of the reach of small children

3.2 Install Steps

- ◆ Take out battery after pressing end key for a few seconds to power off
- ◆ Insert the SIM card , ensuring that the bevelled corner is on the upper right side .
- ◆ Insert the battery .
- ◆ Keywords

Mobile keywords is mobile lock, can protect your mobile from stolen . mobile keywords is offered by mobile manufacturer. The original passwords is 1122. If the mobile is locked , please input passwords before power on .

4. Security

4.1 Phone and SIM

PIN code request—when active , the code is requested each time the device is switched on . Deactivating the personal identification number(PIN)code request may not be allowed by some SIM cards .

PIN code , PIN2 code , and Lock code—You can change the lock code , PIN , and PIN2 code . These codes can only include the numbers from 0 to 9 . If you forget any of these codes , contact your service provider .

Avoid using access codes similar to the emergency numbers to prevent accidental dialing of the emergency number .

Autolock period—You can set an autolock period , a time-out after which the device automatically locks . To turn off the autolock period , select None .

To unlockthe device , enter the lock code .

When the device is locked , calls still may be possible to the officila emergency number programmed into your device .

Lock if SIM changed - You can set the device to ask for the lock code when an unknown SIM card is inserted into your device . The device maintains a list of SIM cards that are recognized as the owner' s cards.

Closed User Group—You can specify a group of people to whom you can cal and who can cal you (network service).

When calls are limited to closed user groups , calls may be possible to the official emergency number programmed into your device .

Confirm SIM services—You can set the device to display confirmation messages when you are using a SIM card service (network service)

4. 2 Connect to network

After unlock SIM card and mobile , mobile will auto search network , and turns to standby status .

- ◆ Click  enter digital sim enter digital simulate keyboard . click number or input call number
- ◆ Click “menu” into function interface.
- ◆ Click “phone book” into phone book interface.
- ◆ Press function confirmation key into fuction interface.
- ◆ Press end key into phone book interface.
- ◆ Press dial key into dialing interface.

4. 3 Battery Charging

li-lion can be used once unpacked .Please run out battery ,and then to charge fully at first 3 charging which can make battery in best using condition .

4. 4 USB Charging

- ◆ Connect the PC and phone with USB . when charging , the icon in battery will show the changing status until the battery is full.
- ◆ When power off and connected to PC , it can be used as U disk

4. 5 Swtich on or off

Press and hold the end key for a few seconds.

Use the phone only in its normal operating position .

Your device has an internal antenna .

4. 6 Speaker

When insert speaker into slot on the right side of mobile , it will enter into earphone mode automatically .

4.7 T-Flash card

T-Flash card is the portable memory card in the mobile phone, When the mobile phone is connected to the computer by the USB cable, The datas in the computer can be transferred to the mobile phone and stocked in the T-flash card.

Please do not pluck the T-Flash card directly. If need to take the card, open the T-Flash card cover first, Then push the T-Flash card, the card will be bounced out of the slot.

5. Input

The watch mobile supports hand write, number, English, capital English input, and can be used in editing phonebook, message, memo, file management, greetings and other file editing.

5.1 Input Icon

- ◆ Number : “123”
- ◆ English capital : “ABC”
- ◆ English : “abc”

5.2 Hand write input

When input English, click  to switch capital English

Click  or  to show or hide simulate keypad

Click  to switch input and sign input.

Click  to input blank

Click  to delete the character before Insert

Click  to change a line

5.3 English Input

Choose “abc” or “ABC”, simulate screen will be shown on screen. Use touch pen to input English letter or word. click  to switch Capital tatus.

5.4 Number Input

Choose “123”, it will show the simulate keypad , press number and input at INSERT

6. General Function

6.1 Make a call and answer a call

Touch  icon with touch pen at standby status . Dial the number and click  or press dial key to call. Press end key to end call.

International call

Press “*” key for a while until it shows “+”, dial the country code Number and area number and telephone number, then click  or dial key .

Call extension Number

After put in the telephone number , press * for three or four times until it shows “p”

6.2 Answer a call

Press the call key to call the number . Scroll right to increase or left to decrease the volume of the earpiece or headset during the phone call.

7. Menu

7.1 Multimedia

7.1.1 Mp3 player

You can enjoy nice music using this function . the music file should be stored in MY MUSIC of memeroy card. It support MP3、AAC、WAV、AMR、MIDI、IMY。You can Enter media player interface, it has play or pause ,stop, back ,ahead function . and correspond with  /  key 、  key 、 left  key 、 right  key . It support MP3、AAC、WAV、AMR、MIDI、IMY .

7.1.2 Media pLayer

It can play , transfer , rename , delete, delete all files and composito , storage route operation. Enter media player listed files interface.

- ◆ Play: play your assigned video and movie clip ,and adjust volume , click 
- ◆ To show full screen . click anywhere of screen can show menu picture.

Note : the system do not support certain special format video files .

7.1.3 Video Recorder

This function is for video record,adjust the camera ,then press the  logo or photo- take key for starting and pause.User can press the stop keypad for End.The recorded video will be stocked in the mobile phone or the T-Flash card.Press “opition” ,then reach the following functions:

Project Hall : This fold is for stock the recorded videos..The videos can be edited to play,transfer,rename,delete,delete all ,stock path choose:

Camcorder setting: Set the white balance,EV,night mode,banding, make the the recorded video to be the best condition..

Video Setting : Set the quality of the animation ,the size limitation of the document,the recording time limitation,the reording effect.

Effect Setting : set the the special effect of the video.

Storage : choose to store the video in the mobile phone or the T-Flash card.

Restore : restore factory setting

Note : Press the “up” key or “down” key for adjusting the focus,press “left” key or “right” key for balance the exposal.

7.1.4 Camera

User can take any wanted pictures by this funciton,The photo can reach 1.3 mega pixels by software,adjust the camera to the wanted target,press the  logo or the photo-take key,the pictures will be stocked in the album automatically,The quick settings are showed on the right side of the screen such as : effect setting,white balance,delay timer,continuous shot,scene settings,qualify setting,size setting. Press “up” key or “down” key for adjusting the focus step by step,max digital focus is 4X. press “left” key or “right” key for balance the exposal.

Opitons :

Album : Store the the images, check the images, set the browse style , forward, rename, delete, delete all, sort, storage.

Camera settings : Set the shutter sound, EV, banding, delay timer, continuous shot, keep the camera under best condition to get the best photo.

Shutter sound : User can set 3 shutter rings.

EV : Select the exposal data,press left or right key to adjust.

Banding: User can select 50 HZ or 60 HZ.

Delay timer : 5 seconds ,10 seconds ,15 seconds can be arranged,key “4” is for quick set.

Coutinuous shot : Set the wanted numbers,camera will automatically continuous take photoes and stock to the mobile, key “5” is for quick set.

Image settings :Set the size and quality ,key “7” is the quick set for the quality set,” key “8” is the quick set for the size.

White balance : user can set auto,daylight,tungsten,fluorescent,cloud,incandensence.

Key “2” is for quick set.

Scene mode : User can set auto or night mode,key” 6” is for quich set.

Effect setting : user can chose normal,grayscale,sepia,sepia green,sepia blue,color invert. key “1” is for quick set.

Frame : Frame can be set when is image size is 176x220.Press side key for selecting the frame.

Stotagr : Store the images in the phone or the memory card.

Resore setting : Restore the factory setting.

7.2 Phonebook

7.2.1 Fast search

Scroll down in the standby mode , and enter the first letters of the name . Scroll to the name that you want .

You can also use the following options in the Contacts menu:

Add contact—To save names and phone numbers in the phone book

Delete—To delete names and phone numbers from the phone book individually or all at once .

Copy—To copy names and phone numbers all at once or one by one from the internal phone book to the SIM phone book , or vice versa

7.3 MMS

7.3.1 Messaging

In message., you can create, send , receive, view , edit, and organize text messages , multimedia messages .

To create a new message , select New message .

Messag. Contains the following folders:

Inbox ---Received messages , except e-mail and cell broadcast messages, are stored here .

My folders—Organize your messages into folders .

Drafts---Draft messages that have not been sent are stored here .

Send—The last 20 messages that have been sent , excluding messages sent using Bluetooth connectivity or infrared , are stored here .

Outbox---Messages waiting to be sent are temporarily stored here .

Reports—You can request the network to send you a delivery report of the text messages and multimedia messages you have sent(network service).

Cell broadcast allows you to receive message on various topics, such as weather or traffic conditions from your service provider . For available topics and relevant topic numbers , contact your service provider .

7.3.2 Write and send messages

The appearance of a multimedia message may vary, depending on the receiving device .

Copyright protections may prevent some images, music(including ringing tones), and other content from being copied , modified , transferred or forwarded .

Step One: Select New message and one of the following :

Text msg.—to send a text message

Multimedia message—to send a multimedia message (MMS)

Step two: In the to field , select recipients or group from contacts , or enter the recipient' s phone number . To add a semicolon(;)that separates the recipients, press * . You can also copy and paste the number or address from the clipboard.

Step three: To send the message , select Options - send .

7.4 MMS

You may receive a notification that a multimedia message is waiting in the multimedia message center . To start a packet data connection to retrieve the message to your device , select Options—Retrieve.

When you open a multimedia message , you may see an image and a message . Music is shown if sound is included , or film is shown if video is included . To play the sound or the video , select the indicator .

To see the media objects that have been included in the multimedia message , select Options—Objects.

If the message includes a multimedia presentation , it is displayed . To play the presentation, select the indicator .

7.4.1 Inbox—receive messages

In the inbox folder , it indicates an unread text or and unread multimedia message .

When you receive a message , it shows a new message . To open the message , select Show . To open a message in Inbox , scroll to it , and press to read it .

To reply to a received message , select Options—Reply .

7.4.2 Pre-setting Message

Five common used messages are listed, User can use the listed messages when editing the MMS, click “option” of any message can issue the followings :

- ◆ Check: check content of message
- ◆ Details of message : check the sender , topic ,date and volume
- ◆ Edit new message from the listed message: Edit new message from listed message

7.4.3 Setting

User can do the issues as followings:

- ◆ Edit: edit mode for setting, automatic sign
- ◆ Sending: set the valid date of MMS, sending report , reading report , interval time and sending time .
- ◆ Receiver setting: setting for internet. Rome internet , reading report and sending report

- ◆ Filter : setting for anonymity of sender , receive max volume and ad.
- ◆ Serve setting : setting for collocate of internet .
- ◆ EMS memory : check the MMS storage status

7.5 Voice Box

Setting for voice box number and messaging .when user receive voice mail , the service supplier will send notice to user' s mobile . User can input two groups of voice box Number .

In “message” menu, press “up and down” volume key to choose “voice mailbox” and press “confirm” .

- ◆ Edit: input or amend Number.
- ◆ Connect to voice : User can listen to voice message

NOTE: digital simulation keyboard menu, long – press digital number “1” can dial voice mail number.

7.6 Cell Broadcast

This service allows user to receive the text of a variety of information, such as weather conditions or traffic information. Relevant information can be requested from the network operators.

- ◆ Receive Cell Broadcast mode : For open or close this function.
- ◆ Information : read message by pressing “up or down” volume control key
- language display : Display the area by local language (language support depends on the network operator).
- ◆ Channel options: user can choose the channel

8. Call register

Check the call records, press “Dial” Key to the record for missed calls, received calls, dialed calls .

8.1 Missed Calls

Check the latest 20 missed calls.

- ◆ Access to the function and press “up and down” keypad to select one phone number.
- ◆ Process the followings by clicking “confirmation” :
- Send Message: edit and send message
- MMS sender : Edit MMS and send.
- check : check the contents of this number.

- Delete : delete the phone number from the missed call list.

- store : store numbers to SIM or phone

- Dial : dial Number

-

Edit: edit numbers and store to SIM or phone

8.2 Dialed calls

Check the latest 20 dialed calls. Chose any dialed number can issue the function of message send , delete, store, etc. Please refer to “Missed Calls” .

8.3 Received phone

Check the latest 20 received calls. Chose any received number can issue the function of message send , delete, store, etc. Please refer to “Missed Calls” .

8.4 Clear call lists

Delete the missed calls, dialed calls and received calls at one time.

8.5 Call Duration

Check the last call duration . total duration for dialed calls . received calls and can clear all call duration records .

- ◆ Last call duration : shows the duration of the latest call.
- ◆ Total dialed calls duration : shows the duration of all the made calls
- ◆ Total received calls : shows duration of all the received calls
- ◆ Clear timers: clear all the call timers.

8.6 Call Cost

Check the last call cost, the cost of all calls, clear call cost record. Cost restricted and set the rates.

- ◆ Last call cost : check and clear the last call cost
- ◆ All call cost : check and set the limitation for the cost
- ◆ Clear the call cost : check and amend the call cost ,need to input the PIN2 code.
- ◆ Cost restrict: check and amend the all call cost ,need to input the PIN2 code

- ◆ Price and call fees : check and amend the limitation of the call cost .Need to input the PIN2 code.

8.7 SMS counter

Setting for sent and received by this function.

- ◆ Sent: Check and clear the sent messages
- ◆ Received: Check and clear the received messages

8.8 GPRS counter

Access the GPRS transmission and reception capacity , The unit is used byte (Byte).

9. Tool Box

9.1 Calendar

Show from January 1970 to December 2030 , the date of the incident showed memorials. Users can edit Memorandum of events . press "choice" bottom and issue the followings :

- ◆ Daily memorandum: check or edit the daily memorandum . can set up the alarm for reminding the user.
- ◆ Go To the designated date : go to the designated address or date for the Memorandum.

9.2 Memorandum

10 memorandums can be edit and store at the same time, users can read ,edit or delete any memorandums.

Start the memorandums: If there is no memorandum. Pres" add" to edit the memorandums.

If there are the ready memorandums, press" choice" to enter the choice menu and press the "add"

- ◆ Date setting :set the memorandum date
- ◆ Time Setting : set the memorandum time

- ◆ Input content : input the edited memorandum
- ◆ Set alert and alert mode: set the alert time and alert ring tone for memorandums
- ◆ Store: Press “ finish” to store

9.3 Alarm

There are three alarms available for the users , users can make the setting as their own demands. If the alarm switched off, there is no sign o the screen. If the alarm switched off , the screen will display . Pres “editor” for the alarm edition.

- ◆ Press volume control key to choose “switch on or switch off” .
- ◆ Set alarm
- ◆ Select the alarm style : one time, every day, one or few days of one week.
- ◆ Click “finish” to finish

9.4 World Time

Browse every city time zone in the map of world , and display correspond time and date of city on the screen below, click “option” for other city .

9.5 quick function

More fast functions can be set and edited by this function

- ◆ setting : enter “function quickly”, press “choice” for the issues as followings:
 - Add: add one quick function
 - Edit: edit quick function
 - Delete : delete quick function
 - Delete all: delete all quick functions
 - Shut : shut quick function
 - Edit order : edit order of quick function
- ◆ Use : enter” phone setting and set , press volume control key when standby . enter quick function menu.

10. Entertainment World

10.1 Entertainment

10.1.1 Intelligent Puzzles

1.2 Background Color

Set up the screen background colors, : amber orange, gray ,Can be set up for each of the following

- ◆ open
- ◆ update frequency : the establishment of a closed update frequency (update), hourly, daily, weekly, monthly, updated quarterly.
- ◆ update the background color for each set sequence : the establishment of the sequencing.

NOTE: before setting up updating frequency or sequence, need to open then take effect.

10.1.2 Stop Watch

- ◆ single stopwatch
- ◆ composite stopwatch timer

10.1.3 Graphics Editor

10.1.4 games settings

Game settings include background music,

2. Account information

The function used to set up account information, account information is already provided by the manufacturers.

- ◆ GSM data transmission : the option can be installed include : account numbers, user names and passwords, lines, patterns and speed, network domain.
- ◆ GSM data transmission : the option can be installed include : account numbers, user names and passwords, lines, patterns and speed, network domain.

10.2 Multimedia

10.2.1 MP3 player

User can enjoy nice music with this function .

Press "the dial key" to enter the broadcasting list, following functions are provided:

- * broadcast: The broadcast assigns the music, presses the "conform" to broadcast;
- * Detailed: According to the different song, list the song name, the sound track, the acoustic fidelity, the song time, the document size.
- *renewal broadcast detailed list: The renewal saves the music documents which embraces in the handset or the memory to the broadcast list.

10.2.2 Media player

play , transfer , rename , delete, delete all files and compositor , storage route operation . of your video and movie files . and also can grasp shoot and store in album.

| Note : the system do not support certain special format video files .

Transfer: transfer video or movie file to phone book. Screen saver ,power on and off icon, MSM Rename : rename video or movie file

Delete : delete assigned video or movie file

Delete all files : delete all assigned video or movie file

Compositor : compositor video or movie file (name , type , time , size)

Store route : choose to store on mobile or memory card .

10. 2. 3 Recording

This mobile support two voice recorded formats, WAV and AMR audio formats : WAV format has long recording time. users can select functions from the setup option for recording format. Also recording of the conversation, or stored in the mobile phone memory cards; When the choice was originally listed cell phone recordings, press "option", recording, broadcast added (only for AMR format), rename, delete, deleted all of the creation and operation of transmission.

10. 2. 4 Media Video

This function is for video record,adjust the camera ,then press the  logo or photo- take key for starting and pause.User can press the stop keypad for End.The recorded video will be stored in the mobile phone or the T-Flash card.Press "option" ,then reach the following functions:

- ◆ To the player:Use this function to play,forward,rename,delete,delete all files and composito,sort,storage route operation of your video and movie files.

Camcording setting: Set the white balance,EV,night mode,banding, make the the recorded video to be the best condition..

File setting: setting Video animation quality, file size . time limit . included audio;

- ◆ Effect setting:video effects setting
- ◆ Storage : choose to store on mobile or memory card
- ◆ Restore setting:restore video factory setting

Note: Press the "up" key or "down" key for adjusting the focus,press "left" key or "right" key for balance the exposal.

10. 2. 5 Abum

This function is for :check ,browse style ,forward,rename .delete,delete all ,sort,storage.

Check : check the selected photoes,press up or down key for checking the photoes one by one.

Browse style: arrange the sequence

Forward: Forward the photoes to wall paper,screen protection,switch on animation,switch off animation,phone book,SMS.

Rename : rename the photo.

Delete : delete any one photo.

Delete all : delete all the photoes.

Sort: Arrange the order of the photoes(according to name,type,time.size.)

Storage : choose to stock in the mobile phone or the memoty card.

10. 2. 6 Photo Editor:

This function is fot edite the photoes in the mobile phone or the memory card.

Size changed:

- a) Stock to a new document: Edite the photoes and stock to another document
Effect: special effects can be choosed
- b) Frame : choes the wanted frame
- c) Stample :stample to the wanted position,shift the stample by press direction key,then press "finish" or left key for end.

- d) Add words: Add words to the photo, set the words color, frame color, shadow color, words size, word type.
- e) Adjust : Adjust the shadow and color.
- f) Reversal : Use direction key for reversal the photo, press "finish" key for end.
- g) Zoom : Enlarge the photo size to be the same as the screen.
- h) Introduction : State the basic operation.

Screen size adjustment:

Adjust the size of the photo, press "+" or "-" for enlarging or reduce the frame, shift the frame by pressing the direction keypads. press "finish" for end.

10.2.7 Ringtone setting

This feature allows the user to edit the music as a favorite call, alarm clocks or memorandum bell, self-ringing can be used to broadcast music box, As long as *. documents can be placed in memory of the My Music catalog.

11. Additional Function

11.1 calculator

11.2 unit conversion

Unit conversion function is used for the weight and length of unit conversion.

11.3 Currency Conversion

4.3 currency conversion functions can be used for the currency conversion. input rates and press "confirm" .

12. System Management

Electronic book

User can download the documents by "TXT" format into the mobile phone and read in the mobile phone.

12.1 Setting

12.1.1 Screen Adjustment

To make by touch-screen calibration accuracy.

12.1.2 Phone Setting

Time and Date

- ◆ Setting city:
57 cities in the world can be set up and acquiesce in urban Beijing.
- ◆ The date and time setting : the establishment of daylight saving time, according to the direction of movement of the cursor key and key figures will complete the operation lightly. such as the daylight saving time, one hour ahead of show time.

power on/off on time

There were two groups timing function, automatically switched on or switched off can be set for mobile phone.

Language

Show alternative language menu, choose English and other fixed languages

Pre-setting input

Installed editorial default input method.

Standby menu display

- ◆ Wallpaper : acquiescence Photo provided for 10 sites to choose from, users can download their own pictures.
- ◆ Screen saver : the establishment of pictures and screen time. The Safety Net will be opened for the first erected, and then set up Safety Net waiting time, the final site selection Safety Net pictures. In addition to the 10 cell phone pictures, users can download to their own pictures as Safety Net, for GIF picture format.
- ◆ Power onanimation: setting power on animation
- ◆ Power off animation: setting power off animation
- ◆ Display date and time : when power on , the date and time will be showed on screen.
- ◆ Display this mobile number : when power on , the phone No. will be showed on screen.
- ◆ Display the name of server : when power on , name of net supplier will be showed on screen.

Greeting

Greetings will be showed when switched on.

Quick dial

Eight numbers can be installed . Press  to enter the digital status, long press the fixed number and dial out.

Auto renew time

Can set as power on /off . this function should be supplied by net operator

Flight mode

Set up normal mode or flight modes, under flight mode, there is no signal for the phone, phone call and message will not be made.

Hand writing setting

Set Handwritten speed and handwritten color.

Other settings

Setting LCD backlight time and brightness level .

12.1.3 talk setting

Phone Number

User can use the pre-set from the network operator. Numbers can be hidden or sent.

Note : The function of the network and select the "hidden numbers" may lead to dial-up. The opening function, please call did not prevent the re-use their own tests.

Calling Waiting

- ◆ start : start call waiting function, cell phones will be linked to the networks. Pause, the network will respond, you send a message to confirm the operation. If launched a call waiting function if people call you on the phone when the phone network will provide you with caution. displayed on the screen while another caller's telephone number.
- ◆ Power off : if cancel this function , when someone call you during your conversation , net will not note you .

Search : For inquiries to the current state of network

Calling Divert

Divert the incoming call to other phone numbers

- ◆ The unconditional divert function : When opened, all incoming phone calls to numbers on the transfer. Choose open or closed, cell phones will be linked to the networks, pause, and the network responded to the results of this operation.
- ◆ Divert if out of reach : Opening, when unable to connect incoming calls to numbers on the transfer. Choose open or closed, cell phones will be linked to the networks, pause, and the network responded to the results of this operation.
- ◆ Divert if no answer: non-response to the transfer of functions, such as : When, if incoming calls within the specified delay time no one answered. then on to transfer numbers. Choose open or closed, cell phones will be linked to the networks, pause, and the network responded to the results of this operation
- ◆ Divert if busy : When opened, enter the phone number on the cell phone when busy . Choose open or closed, cell phones will be linked to the networks, pause, and the network responded to the results of this operation.

Note : The above four switching operations :

-Opening : Admission reopened after switching numbers.

- Closing : the abolition of the transfer function.

- Inquiries : a network for the transfer of functions to the current state. Cell phones will be linked to the networks, the networks respond after a short time.

Cancel all diverts : This is for canceling all the diverts, the phone will apply to the net operator , the network will respond after a while.

Call restrictions

Dial Restrictions

All calls : when start this function , can not dial out.

International calls : when start this restrictions , can not dial international call

International : when start this function , Only call in foreign countries or to their local telephone

forbid incoming calls

All calls : when start this function , can not receive calls

Restrictions on roaming calls : When user use the phone outside attribution services, could no longer receive telephone.

Note : These two types of prohibited operation :

-Opening : After inputting the prohibited passwords.

- Closing function : cancel the restrictions.

- Inquiries : for a limited function to the current state of the network. Cell phones will be linked to the networks, the networks will respond.

◆ cancel restriction

Cancel restriction , and this needs the restriction passwords of network supplier

◆ change passwords

This function use for changing restriction passwords . the previous password is needed to be inputted.

Call Time Display

Call time display can be turned on or turn off . call time will display in the screen when turning on the function. Call time will not display in the screen when turning off the function.

Automatic redial

Automatically redial can be switched on or switched off. under switched on status , If there is no answer when dialing out, the phone will redial automatically. Max redial is ten times. User can not dial any other number at the same time. Press end key for canceling the redial.

Black list

In the black list, users can set up five numbers (up to 20 numbers each). Under working status, incoming call will be blocked .

12.2 Network Setting

If user wants to get the following network service ,please contact network supplier

network choose

Network can be set up to automatically or manually select the network (the proposed option). Choice of automatic mode, mobile phone SIM card is located under the preferred network. Use manually, it needs to choose the network and SIM cards have been registered by the same network operator may use.

Favorite network

- ◆ Add from list : show all PLMN list
- ◆ New add : newly add the priority of network use
- ◆ Change favorite network: set priority of network
- ◆ Delete : delete priority network

12.3 Security setting

This function is associated with the safe use of mobile phone and some settings.

SIM Lock

PIN needed. Setting can be done after correct pin inputted , If the SIM card under working status , PIN need to be inputted when phone switched on.PUK code need to be inputted if the PIN code is wrong for three times. PUK code is used for unlocking or changing the locked PIN code. If PUK code lost, please contact the network operators

Keypad Lock

This functions can be carried out for the cell phone keypad locked / unlocked , time can be arranged for: 5 seconds, 30 seconds. 60 seconds, 5 minutes, keypad will automatically locked in

setting time. Standard locked mode is “off”, unlocked by pressing “*” and then the symbol in screen

If your SIM card had this function ,you can dial Nos unlimitedly, when start this function , can not dial the Nos on fixed call list. Setting up this function needs PIN2. this function needs the support of internet .

Note: input PIN2 when power on , do not need PIN2 when power off , if user do not want change the fixed dial status ,please switch off after setting , and then switch on .

Forbidden dial :

If SIM card had this function , user can not dial unlimitedly, when start this function , user can not dial the Numbers in fixed call list. Setting up this function needs PIN2. this function needs the support of internet .

Change Password

Can change PIN , PIN2 and phone password

12.4 Restore settings

Input password as required , click “confirm “Note: the original pass word is 1122

12.5 Sound Effect

Set up balancer of music box

12.6 Scene Mode

12.6.1 general mode

Start : activate this mode

Personal setting

- ◆ Ringtones setting : including settings for incoming call , alarm, switch on, switch off, news. Users can choose the preset rings, also can choose self edited rings.
- ◆ The volume button and the sound of the bell ring can be set up for 1-7 levels.
- ◆ Ringtones type
 - Once: only ring once
 - Ringing : continued ring
 - Ascending : the ring volume will be higher and higher
- ◆ Note ring :
 - Alert ring : need alert to note
 - Wrong : note ring when there is wrong
 - Internet connection ring : ring when network found

- Call connecting : ring when get connected
- ◆ Answer mode :
 - Random key : choose random key to answer

12.6.2 Conference mode

Please refer to “ general mode “

12.6.3 Outdoor mode

Please refer to “ general mode “

12.6.4 Indoor mode

Please refer to “ general mode “

12.6.5 Earphone mode

Connect the earphone to the phone . Please refer to “ general mode “. if user choose automatic answer mode , phone call be will answer automatically.

Note : long press “ #” key of simulate digital keypad to set or cancel mute mode .

Agenda :

Agenda 1: simple fault eliminate

If the mobile found abnormal , please restore to original settings , and read the following method . if the problem can not resolved ,please contact seller or service person.

problem	reason	settle method
can not connect to internet	no service or users did not apply for the service	Contact with network supplier for information
	Wrong setting	Refer to browse introduction
work slowly when use touch screen	touch screen is not well adjusted	Adjust the screen
SIM card problem	SIM card damaged	Contact network supplier
	SIM card fixed improperly	Check SIM card
	Feculence on SIM card	Clean SIM card with clean cloth
weak signal	Weak signal area, such as high building or basement	please go to strong signal area
	The line can be crowded when be used by large numbers of users at the same time.	Avoid to use mobile at this period
Power on failure	No electricity	Charge battery
Can not make call	Dial forbidden function is on	Cancel forbidden dial

can not connect to network	SIM card inefficient	Contact network supplier
	Out of GSM service area	Try again at the network service area
	Weak signal	Try again in the area with strong signal
can not charge	voltage and charger disagree	Use voltage conformity with charger
	Non standard charger	Use charger special for this mobile
	Bad contact	Check plugs

Hand free accessories

Earphone and bluetooth

Traveling charger

For the charging in your journey , please use specialized fittings

RF Exposure Information and Statement

The SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue. Device types M820 (FCC ID: WELRIDERM820) has also been tested against this SAR limit. The highest SAR value reported under this standard during product certification for use at the ear is 0.579 W/kg and when properly worn on the body is 0.333 W/kg. This device was tested for typical body-worn operations with the back of the handset kept 1.5cm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 1.5cm separation distance between the user's body and the back of the handset. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

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

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

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

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

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