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1. For your Safety

For your safety and proper use of the mobile phone, please read the following guidelines carefully: Do not switch the mobile phone on when close to chemical factory, gas station or other explosive objects.

■ During driving, please use headset for safety purpose; unless otherwise in emergency, always stop the car on roadside to have a call conversation.

■ Because the use of the mobile phone can cause interference in the aircraft, never use the mobile phone in aircraft. The use of the mobile phone is dangerous and illegal; do switch off the mobile phone before boarding.

■ Pay special attention to the use of the mobile phone near heart pacemaker, deaf-aid and some other medical equipments, because the mobile phone can cause interference with them.

■ None-original factory's accessories and parts will lose guarantee.

■ Do not dismantle the mobile phone

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without permission. In case of failure, please contract the supplier as soon as possible.

■ Do not plug the charger into the mobile phone and charge without battery. Always power off the mobile phone when taking out the battery; otherwise the memory of the phone may be damaged.

■ When charging the mobile phone, always keep it in the place with good ventilation, heat sink and away from flammable and explosive objects.

■ In order to avoid demagnetization, always keep the mobile phone away from magnetic objects such as CD, credit card etc.

■ Ensure the mobile phone not to contact any liquid; once such case occurs, remove the battery and contact the supplier immediately.

■ Do not use the mobile phone in the environment at too high or too low temperature, never expose the mobile phone under strong sunshine or too wet environment. The suitable temperature for the phone and accessories is 0℃-40℃. The height to use the phone shall be less than

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2,000m.
- Do not use liquid or wet cloth with strong cleanser to clean the mobile phone.
- This mobile phone has shooting, videoing and audio recording functions, which shall be used as per the related laws and regulations.
- Always keep the mobile phone out of children's reach. Do not throw or vibrate the mobile phone because violent treatment to the mobile phone may damage the inner circuits and precise structures.
- Please do not discard the waste battery into general household garbage. Please deal with the waste battery according to provisions where they are definitely made.

Tip: This user manual is based on simplified Chinese operation mode; so it may vary in English operation mode.

Warning: We will not be bear any responsibility for any incompliance with the above guidelines or improper use of the mobile phone. Our company keeps the right to make modifications to any of the content here in this user guide without public announcement in advance. The

5.	Main menu key	12.	Speaker
6.	SEND 1 (SIM-1)	13.	camera
7.	QWERTY keypad		

3. Preparation before Use

Install SIM Card

When registering mobile phone number, you can apply for two different phone numbers, two different mobile phone network service providers and thus obtain two SIM (Subscriber Identification Module) cards.

With these two SIM cards, you can use all functions of your mobile phone. The SIM cards save the parameters needed for communications and personal data, including PIN (Personal Identification Number) code, phonebook, short message and other extra system services.

Warning: Do not distort or scratch the SIM card nor let it contact static, dust or moisture. If it is lost, please contact immediately your network operator for help.

content of this manual may vary from the actual content displayed in the mobile phone. In such case, the latter shall govern.

2. Mobile Phone Profile

The mobile phone has 42 keys on the keypad, including single screen, one vibration motor, one charger/ data common transmission port. (Below is the front of the mobile phone).

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Before SIM card installation, please switch off the mobile phone. The SIM card is installed on the back of the mobile phone.

Follow the following diagram to install the SIM card. Please insert the host SIM card into the SIM1 slot and the slave SIM card into the SIM2 slot.

Note: If SIM card is inserted only into the SIM1 slot, then only the host works; likely, If SIM card is inserted only into the SIM2 slot, then only the slave works. When two SIM cards are inserted into the SIM1 slot and SIM2 slot respectively, you can choose work mode freely as you wish.

Note: As the SIM card is small object, keep it out of children's touch or prevent children gulping it!

1.	Receiver	8.	OK key
2.	LCD	9.	Right soft key/Back
3.	Navigation keys	10	Shortcut key
4.	SEND 2 key(SIM-2)	11.	END/POWER key

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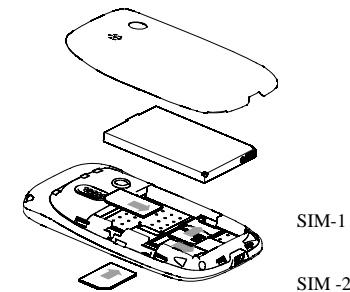
Install Memory card

As the mobile phone does not have enough storage space, to use some functions, you need to install a memory card (This mobile phone use T-FLASH card.)

Install T-FLASH card: Open the back cover to take out the battery, release the T-Flash card lock, insert the T-Flash card into its slot, and restore the lock and the battery before restarting the mobile phone.
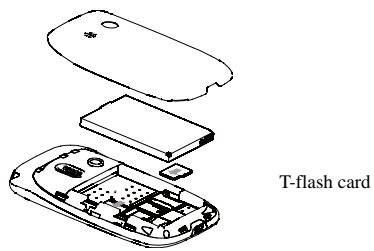
T-flash card

As the T-FLASH card is small object, keep it out of children's touch or prevent children gulping it!

Install Battery

The mobile phone is suitable for original battery and accessories. When the battery is idle, it is recommended to put it into the protection box.

Follow the following diagram to install the battery.

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Battery

Note: Do install the battery as per the diagram so as prevent the battery contact patch being damaged.
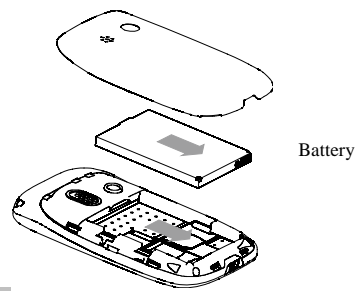
Charge Battery

The new battery cannot reach the optimal efficiency unless it has undergone several continuous complete charges and discharges.

When the battery is used up, charge it in time. Over-discharge can damage the battery.

After the battery is charged full, cut off the connection of charger with the AC power supply and the connection with the mobile phone.

Follow the following diagram to connect the charger.

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Charger port

During charging, the battery capacity icon on the screen flickers from the right to the left. After the battery is charged full, the icon is full of bars. Slight heat during charging is normal.

Warning: When a travel charger and its accessories are used to charge the battery, please firstly check if they are original or recognized by the original manufacturer. The use of other accessories may damage your mobile phone and cause risks! Always use them indoor and dry places.

Notices on using the battery

The performance of the battery is affected by many factors, including radio barrier network settings, signal strength, signal strength, work temperature, chosen and used functions or settings as well as phone accessories, tone, data or other applications.

For optimal performances, please follow

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the rules below:
- New battery or the battery having been idle for long need charging for long. The standard voltage scope for the battery is 3.7V-4.2V.
- During charging, keep the battery at room temperature or similar temperature.
- With time passing by, the battery will gradually be worn and thus need longer time to charge. This is normal. However, after normal charging, if call duration decreases but charging time increases, you need to buy another battery from the original manufacturer or authorized by the original manufacturer. The battery of interior quality can damage your mobile phone and cause danger!
- If the phone is overused at low battery when charging, there might need a longer time for the charge indicator to be shown on the screen.

Note: Please dispose the battery according to the local regulations. Try to recycle the battery as possible. Do not treat the waste battery as common waste.

Warning: Do not throw the battery into fire so

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as to prevent fire. The broken battery may cause explosion.

Warning
Charging the mobile phone by improper means can cause to explosion. Always refer to the related regulations for the disposal of the battery.

PIN code

PIN1 Code: It is the personal identification number used to enter SIM and able to prevent others using SIM1 without permission. If the mobile phone has activated the PIN1 code protection, when the mobile phone is switched on, the screen will display "Input PIN". In the process of inputting PIN1 code, the screen will use "*" to represent the input content. While obtaining SIM, you can obtain its PIN1 code.

PIN2 Code: It is the personal identification number used for some special functions such as paid call etc.
PUK Code and PUK2 Code(8-digit)

To change the locked PIN code, you need to use PUK (Personal Unblocking Key) code. To change the locked PIN2 code, you need to use

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PUK2 code. If these two codes are not provided together with the SIM cards, ask the local service provider for them.

Warning: If the PIN code is input wrongly for successively three times, the SIM card will be locked. Please contact the network operator immediately for help. Attempt to unlock the code may make the SIM card ineffective forever!

4. General Instructions

Dial key

It is used to dial a call (with phone number entered or in phonebook state) or receive an incoming call. In standby state, press this key to display the latest call register (SIM1 and SIM2 support respectively 20 call entries, including received calls, missed calls and dialed calls). In dual-SIM standby mode, press this key to have an option menu on which you can choose to operate via SIM1 or via SIM2.

Switch-on/off key /End key

In call state, it is used to interrupt a call; in call conversation state, it is used to end a call or

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exit from the current menu and back to the standby state. Hold this key for 4~5s to switch on/off the mobile phone.

Left/Right soft key

Press the left/right soft key to have the functions indicated in the bottom row of the main screen of the mobile phone.

Functional direction key

This mobile phone has four direction keys, with the left, right, up and down control functions. In some interfaces, they have special function, for example, in call state, press the up/down key to adjust volume. Similarly, these four direction keys can be set with shortcut functions, in default state: the down key to enter the Inbox, the left key to shortcuts and the right key to calendar. Shortcut keys can be active only in standby state and their function definitions can be set by yourself with the procedures as: enter the phone settings menu, choose dedicated key function to reedit the direction keys.

Services

Services are provided with SIM kit. The mobile phone support service function. The detailed menu items depend on SIM card and the network. When the network provides such function and your SIM card supports such function, the service menu will automatically be posted in the services of the mobile phone.

Callers' group

The callers' group in the mobile phone includes friends, family, VIP, colleagues and others etc. You can set different call tone and photo for different callers' group.

5. Terms Description

Dial domestic calls

■ The simplest method to dial a domestic call is to input phone number via the number keypad, then press dial key to dial call. To change phone number, press "del key". During dialing, the screen will display a cartoon. If SIM card 1 call, "SIM1-" occurs;

Standard keypad

On the keypad, you can see A-Z （0-9 number keys）number keys, * key and # key, totally 42 keys.

Press these keys to input phone number, password, English letters, symbols or choose menus.

In different states or different functional menus, "+" key and "-" key have different functions:

■ Press "SPEAKER" key long to start or exit from the silence mode.
■ In music player state, "+" and "-" are used to adjust volume.

Tip: The difference between "W" and "P" is that "P" will directly send DTMF after 3s pause while "W" will eject a window asking whether the user to send DTMF.

Keypad lock

In standby interface, if the mobile phone is idle for certain time, it will be locked automatically. After the mobile phone is locked, the keypad cannot be activated easily; in case of incoming call, likewise, press the answer key to

if SIM card 2 call, "SIM2-" occurs. When the other party is connected, the screen will display the corresponding information.

■ Press end key to end the call.
■ To dial a domestic call, input area code + phone number and then press the dial key.

Dial international calls

■ If you want to make an international call, you can press * key continuously until the international dialing prefix "+" is seen on the screen. This will allow you make an international call from any country without knowing the dialing prefix (for example, +62 represents Indonesia).
■ After inputting the prefix, you need to input the Country number and complete telephone number. You can input the Country number according to the common practice, such as, 49 for Germany, 44 for British, 46 for Sweden, etc.
■ Dial international telephone number as following: "+" Country number +Complete telephone number + Dial key.

receive it; after that, the keypad will be locked automatically. Long Press the space key to release.

Icons in Standby State

📶	Signal strength	🔓	Keypad Unlocked
⏰	Alarm clock	📳	Vibrate then ring
✉	Sending message(s)	🎵	Ring only
↗	Missed call(s)	📳	Vibrate only
🔋	Battery level	📳	Vibrate and ring

Language and Input Mode

The mobile phone has defaulted Multi abc input mode. For different areas, there are different languages and corresponding input modes.

Call hint

The mobile phone is inbuilt with vibration motor and buzzer and provides several incoming call modes:

🎵	Ring
📳	Vibration
📳	Ring and vibration
📳	Ring after vibration

Dial fixed-line telephone extension

■ Some fixed-line telephone extension may not directly get through, so you need to connect to the switchboard at first then put through extension number. The mobile phone can automatically dial extension number if you input "P" between the switchboard and extension number. Method for input "P" as following: hold press or continually short press three times "*" key ("P" will be shown on the display).
■ Dial fixed-line telephone extension as following: phone number + "P" + extension number + dialing key.

Emergency calls

If your phone is under the network coverage (you can know this by checking the signal bar at the up left corner on the screen), you can make emergency calls. If your network supplier does not provide roaming service in this area, Emergency will be shown on the screen. That means you can only make this kind of calls. If your phone is under the network coverage, you can even make emergency calls without the SIM card.

* In some areas, 112 (emergency call) service is provided by the network operator. In case of failure, consult the network operator.

IMEI

International Mobile Equipment Identity number. Switch off the mobile phone and take off the battery, then you will see the label with such number on the back of the mobile phone. Also, this number is saved in the mobile phone. After switch-on, in standby state, input "*#06#" to display it.

5. Basic operation

Switch on

Press the switch-on/off key to start the mobile phone, then the screen will display switch-on image. Then you can enter Settings menu to set phone modes, including SIM1 & SIM2 On, Only SIM1 On, Only SIM2 On and Flight. The defaulted one is Only SIM1 On.

After insert SIM card, the mobile phone will automatically check the SIM card availability, and then it will be shown information as following on the display by sequence:

1. "Input phone password"——If you have set the password.
2. "Input PIN" —— If you set SIM card password.
3. "No service"—Indicates fail to make register and cannot make any calls.
4. "Emergency calls only"—indicates has registered to other network and only can make call to 112.
5. "Searching"—the mobile phone is searching network until find appropriate network;
6. "Operator name"—Indicates network successfully registered.

Note: If you do not know PIN code, please contact the network service provider.
The defaulted phone password "1234".

Switch off

To switch off the mobile phone, press the end key. When the screen displays switch-off cartoon, the host and the slave will be off at the same time. Do not take out the battery to switch off the mobile phone. If so, the SIM card can be damaged easily and some data will be lost.

Dial a Call

- With the number keypad, you can enter phone numbers (if wrong characters are input, press the clear key to delete them). Press the dial key to dial the phone number. In SIM1 and SIM2 On state, you can choose to dial a call via SIM1 or SIM2. To end a call, press the end key; or to cancel a dial, press the Cancel key or the switch-on/off key. After the call is connected, you can see the call timer on the screen.
- Dial a call via phonebook: Enter the phonebook and search the desired name/phone number, and then press dial key to dial call.
- Redial latest dialed number: In standby state, press dial key to view the list of the latest dialed 20 phone number or names. Roll to the desired phone number or name and press dial key to dial call.

Adjust Receiver Volume

In call conversation, press the upper direction key or lower direction key to adjust

the volume of the receiver.

Answer a Call

When there is a call, as per the settings of the mobile phone, you will be alerted with ring, vibration, vibration and ring as well as ring after vibration.

To receive a call, press Dial/Call Key.

To refuse a call, press Switch-on/off key or the end key directly.

If the CLI (Call Line Identity) is opened, the phone number of the caller will occur on the screen. If this number has been saved in the phonebook, the name corresponding to this number will be displayed on the screen.

Send DTMF Signal

When this function is set, in call conversation, press the desired number key and * key and # key to send DTMF signals to the other party. If such function is inactive, then extension call will become impossible.

Dial Hold

If you have applied for dial hold, in the call conversation process, press "Options" to have the following function menus:

- Pause: Pause the current call but with the line keeping connected.
- End: End the current call conversation.
- New Call: Enter the dial interface, dial another call.
- Phonebook: Enter the directory of the phonebook.
- SMS: Enter the directory of theSMS.
- Record: While having call conversation, you can record the call.
- Activate/Inactivate Handfree: You can activate/inactivate the speaker.
- DTMF: You can set whether to send DTMF signals.

Note: Some menu items need the support of the local network or can occur in special cases, such as Conference and New Call. Consult the local network operator for details.

Fast Read SMS

When the user receives unread SMS, the screen will display an icon of unread SMS. Press Read to enter and read the SMS. The SIM card 1 unread SMS icon is marked with "1" and SIM card 2 unread SMS icon is marked with "2".

Missed Calls

When there is a missed call incoming, the screen will display a missed call icon. And press Read to enter and read missed calls.

Connect to Voice mail

The mobile phone allows connecting the incoming call into the voice mail and then you can receive a notice about voice message. (The voice mail number must be preset).

6. Use of Menu Functions

Call Records

In dual-SIM mode, you can separately search the call register of SIM1 and SIM2 and set separately some operations corresponding to SIM1 and SIM2. In mono-SIM standby mode, you can set the available SIM card and see its call register.

Call history includes missed calls, dialed calls and received calls, delete call log, call time,

call cost, SMS counter, GPRS counter etc.

In missed calls, received calls and dialed calls function list, you can see the date and time of the call, edit or delete the phone number in the list, save the number to phonebook or send SMS and MMS to the number, etc.

Note: SIM1 and SIM2 contain respectively 20 entries. Choose any entry from missed calls, received calls and dialed calls, press the Send key to dial the number directly.

Call history

Dialed calls

The calls that dialed will be displayed here, and you can continue the calls by pressing the key.

Received calls

The calls that received will be displayed here, and you can continue the calls by pressing the key.

Missed calls

- Last Call: With this function, you can view the last call time.
- Dialed calls: With function, you can view the duration of all dialed calls.

- Received calls: With the function, you can view the duration of all received calls.
- Reset all: With this function, you can clear all duration records of calls.

Note: The actual call duration and service time in the bill of the service provider may be different from them, which depends on the network functions, accounting rounding and tax etc.

Content Café

Connect to the internet, and surf the related nets as you choose.

Services

Homepage-- Start the website chosen in the connection settings file.

Bookmarks—WAP, Enter the options menu and have the following operations on the bookmark:

- ➢ Go to: Log into the chosen website.
- ➢ Edit: Edit the chosen bookmark name and website.
- ➢ Send: Send the bookmark as text message or multimedia message.

- ➢ Delete: Delete the chosen bookmark.
- ➢ Delete all: Delete all bookmarks.
- ➢ Add bookmark: Add new bookmarks.

Recent pages: Record the latest 10 web pages browsed.

Offline pages: You can view these pages when you offline.

Input address: Input the website to be logged in.

Service Inbox: The mobile phone can receive the service information ("Recommended" information) sent by the service provider. For example, the service information can be the notice of related news headlines, which can include one piece of news or a service website.

Settings:

- ➢ Select SIM: Always ask/SIM1/SIM2
- ➢ Edit account: By this function you can edit the account.
- ➢ Browser options-- You set whether to display images during waiting time and when browsing WebPages.
- ➢ Service message settings-- You can choose ON or OFF to enable the push or

not and you can choose the disable or always in the Trust settings. Set SL settings functions as follow: Never, confirm, without confirm. Add new trust list including: number, IP address, Domain name.

- ➢ Clear cache-- You can clear cache. When the data of the cache are excessive, network surfing speed can be affected.
- ➢ Clear cookies-- You can clear personal data.
- ➢ Trusted certificates--Entrust.net WAP CA ©1999 Limited liability. See www.entrust.net/wapcps; US VeriSign, Inc. Class 3 Public, primary certification authority.

Data account

GSM Data—You can set the number, name DNS etc.

GPRS—You can set the name, APN, user name, password, Auth. type, DNS.

Note: For related charging standard and detailed settings, please consult the local network service operator. Different

network service providers provide different services. Consult the local network operator.

File manager

You can manage Audio, Images and EBook.
[Phone]-- The storage body is phone.
[Open]: You can open Audio, Images and EBook Received
Audio—Images Folder

- Open: You can see the current image.
- New folder: You can set the current file to a new folder.
- Rename: You can rename the files
- Delete: You can delete the current record.
- Sort by: You can rank files as per name, type, time and size or choose "None".

Images—Images Folder

- Open: You can see the current image.
- New folder: You can set the current file to a new folder.
- Rename: You can rename the files
- Delete: You can delete the current record.
- Sort by: You can rank files as per name, type, time and size or choose "None".

EBook—Images Folder

- Open: You can see the current image.
- New folder: You can set the current file to a new folder.
- Rename: You can rename the files
- Delete: You can delete the current record.
- Sort by: You can rank files as per name, type, time and size or choose "None".

Phonebook

The mobile phone is provided with the business card folder type phonebook. The information of every contact saved on the mobile phone include three phone numbers (mobile phone, home phone and company phone), company name, e-mail, fax, birthday, big-head sticker, tone, callers' group (five types: friends, family, VIP, business and others).

Quick search

You can Input the English letter in the position where the cursor is flickering to position the contact from these contacts that meets the conditions.

Smart dial

Choose the function on or off to have the

Smart dial.

Add new contact

You can save phone numbers onto SIM card, phone, or existing contact. On SIM card, one entry has only name and phone number. On the phone, one contact can include Name, Number, Home Number, Company Name, E-mail Address, Office Number, Fax Number, Birthday, Associate Picture, Associate Sound and Caller Group. On existing contacts can add numbers to existing contact earlier.

Tip: If one contact is set with photo link, tone link and callers' group at the same time, then the callers' group function will be inactive.

Caller groups

You can set call tone, photo and members for five callers' groups. Callers' group member can only come from the number saved on phone.

Speed dial

Set the number as the speed dial, and set the function on or off.

Blacklist

Set the blacklist number and set the function on or off to have the function.

Copy contacts

Copy the contacts from the SIM to Phone or Phone to SIM.

Move contacts

From SIM card to Phone or from Phone to SIM card.

Delete all contacts

From the phone or SIM card to delete the contacts.

Phonebook settings

- SIM card owner number: Set the number to have the function.
- SIM voice dialing: Refer to the numbers to have the functions.
- Memory Status: You can view the current use status of the phonebook, including

SIM1, SIM2 and phone memory. The display format is "Used/Total".
- Fields: Choose the related function as the function On or Off.
- Preferred Storage: You can choose the storage path for the current number.
- Human voice prompt: Set the function on or Off.
- Fields: You can choose the display items in the phonebook and the display items in the Add Contact interface.
- My vCard: You can edit and send my business card.
- Vcard version: including vcard 2.1 and vcard 3.0
- SOS number: Set the desired number as the SOS number.

Messages

Text message

SMS is a kind of network service that cannot be used to send and receive short messages until you apply to the network operator.

Both SIM cards of the mobile phone can send and receive SMS. The SMS is sent to the

SMS center of the network and then sent by the network to the target user (GSM user). If the user does not switch on the mobile phone or the mobile phone cannot receive the SMS (the memory is full), the network will save the SMS temporarily. The duration of storage depends on sender's settings and network service provider.

With this function, the mobile phone can send and receive chain text messages, which may affect the message fees. For more information, please consult the service provider.

When the SMS capacity is full, there will be an SMS icon flickering on the standby interface. The full capacity can affect SMS reception. Delete some SMS to solve the problem.

If the other party has received SMS, you will hear the alert sound from the mobile phone (if such alert function is set as ON)

Note: When sending SMS via the SMS network, the mobile phone display "Message sent". It indicates that the SMS has been sent to the SMS center inbox set in the mobile phone but does not mean the receiver has received the SMS. For more information, please consult the service provider.

Write Message

You can write message in this menu.

To write SMS, press "A/a"key to switch input modes, "sym" key to select Symbol; press "del key" to clear one character before the cursor, long press "del key" to delete all characters; press the end key to back to the standby interface.

The mobile phone can send the chain SMS more than characters (limit for common text messages). If the SMS contains more than 160 English characters, then the SMS will be split into 2pcs or more. You can insert images, cartoons, rings etc into SMS. However, the SMS will not be received and displayed unless the network and the receiving mobile phone support.

You can enter the phone number or choose a number from the phonebook to send the SMS. In dual-SIM standby mode, you can choose to send the SMS via SIM1or SIM2.

Inbox

You can see the SMS in the inbox.
- Reply: You can reply to the received SMS.
- Delete: Delete the current SMS/MMS.
- Forward: You can directly forward this SMS to others.

- Copy to phone: You can copy the entries in SIM card onto the phone.
- Move to Phone: You can move the entries in SIM card onto the phone.
- Delete All: You can delete all SMS in inbox.
- Copy all: You can have two options, i.e. copy all entries on the SIM card in the inbox onto the phone or vice versa.
- Move all: You can have two options, i.e. move all entries on the SIM card in the inbox onto the phone or vice versa.
- Use number: Use this number to have the call function or Save to the Phone book or Send text message.
- Use URL: Use the net address when there is the URL in the message.
- Chat: Choose the chat room to have the chat function.
- Move to private: Move the message to the private box,
- Sort: Sort the message by time or name by choosing this function.

Outbox

While sending SMS, you can choose "Save

and Send", and you can save the SMS into the Outbox. You can directly save the edited SMS into the Outbox, in such case; the Outbox will display "No number", i.e. no target number. If you fail to send the SMS/MMS, it will be saved in the Outbox. Also, you can have such operations as send from SIM1, send from SIM2, edit, delete, copy to phone move to phone, delete all, copy all, move all, use number，use URL，Use USSD and sort.

Junkbox

The messages that are sent from the blacklists number will be saved here.

Multi operation

Choose the desired options to have this function as the phone guides.

Templates

With it, you can pre-edit some common phrases, which is convenient for quick SMS

editing.

SMS Settings

Text message

You can set some parameters of the SIM1 SMS or SIM2 SMS in the menu.

- Profile Settings: To send SMS, you must input the SMS center number.
  Note: The SMS center number is provided by the network operator.
- Voicemail server: Edit the voicemail server and you can call the voice mail.
- Common Settings
  o Delivery Report: The network will inform you whether the other party has received the SMS and what the time is.
  o Reply Path: You can send the reply path to the network terminal. This function needs the support from the SMS center.
  o Save sent message: Save the sent message here.
- Memory Status: You can view the capacity

of the SIM card or the phone for SMS.
- Preferred Storage: You can set the storage position (SIM or phone) for SMS.

MMS

MMS can contain words, sound and photos. If the MMS is out of the limit, the mobile phone will be unable to receive the MMS. If the MMS contains photos, the mobile phone will adjust photos so as to display them on the screen completely.

The display effect of MMS depends on reception devices.

Note: You cannot use photo messages unless the network operator or service provider supports to do so. You cannot receive and display MMS unless the mobile phone has the compatible MMS or e-mail function.

Write Message
Receiver
Add Number-- Input the number of the receiver.
Add E-mail-- Input the e-mail of the receiver.
Copy
o Add Number-- Input the number of the receiver.

o Add E-mail-- Input the e-mail of the receiver.
Secret copy
o Add Number-- Input the number of the receiver.
o Add E-mail-- Input the e-mail of the receiver.
Subject: You can edit the subject of the MMS
Edit Content
After the MMS is edited, press the OK key to have the following options:
o Done: Finish the editing of the current MMS.
o Input Method: You can choose the desired input method.
o Add Picture: You can insert your desired Picture.
o Add Audio: You can insert your desired audio.
o Add Video: You can insert your desired video.
o Add attachment: You can insert your desired annex.
o Add slide before: You can add new page before.
o Add slide after: You can add new page

after.
o Add bookmark text: You can insert your bookmark.
o Preview: You can preview the editing effect of the MMS.
o Slide timing: You can set the play time of the current page MMS.

Inbox

You can see the MMS in the inbox and have the following operations:
- View: You can view the MMS and save photos, audio and annex.
- Reply: Reply the sender with MMS.
- Reply by SMS: Reply the sender with SMS.
- Reply All: If the MMS you receive has been sent to many receivers by the sender, with such function, you can send a reply MMS to the same receivers.
- Forward: You can directly forward this MMS to others.
- Delete: Delete the current MMS.
- Delete All: You can delete all MMS in inbox.
- Save as template: Take a new mms as a template.
- Properties: The details of the new mms

including subject, date and file size.
- Use details: View the detailed information of the current message.

Outbox

You can view the MMS send and saved in the Outbox and failed and have such operations as view, send, delete, delete all, save as template, properties, use details.

Drafts

You can save the edited MMS into the drafts, and also you can have such operations as view, send, edit, delete, delete all, save as template, properties, use details on the MMS in the drafts.

Templates

There are 5pcs preset MMS in the mobile phone and you can have such operations as View, Details and write message, properties from Template.

MMS Settings

You can set some parameters of the MMS in the menu.
compose:
o Creation Mode-- "restricted" and

"free ".

- o Picture resizing-- You can reduce the size of the inserted photo,including:160*120,320*240 and Off.
- o Best page time.
- o Automatic Signature-- You can on/off such function.
- o Signature :You can edit the content of the automatic signature.

Send:

- o Validity Period-- You can set the time to save in the MMS service center and send, including 1h, 6h,12h, 1d, 1w and Max.
- o Delivery report--You can on/off such function.
- o Read Report- You can on/off such function.
- o Priority-- Including Normal, High and low.
- o Slide timing-- The time space when the other side read the MMS.Default is five seconds. Max sliding timing: 60 seconds.
- o Delivery timing—Immediately, in one

hour, in twelve hours, in 24 hours.

Retrieve:

- o Home Network-- Delayed, immediate and rejected.
- o Roaming -- The same as to the main network, including as home, Delayed and rejected.
- o Read Report—on request, Send, never Send.
- o Delivery Report-- on and off.

Filter:

- o Anonymous-- Allow and reject.
- o Advertisement—Allow and reject.

Server Settings: In dual-SIM mode, you can separately set SIM1 and SIM2. After choosing Settings, you can have the following settings:

- o Activate profile.
- o Edit profile
  - Rename profile-- Set name.
  - Homepage-- The website for editing MMS.
  - Data account—XL GPRS.
  - connection Type--WAP, HTTP.
  - User Name-- You can edit the name of the user.
  - Password-- You can set password.

Memory Status:

You can see the utilization rate of the mobile phone, including the used space and the free space.

Chat

In standby, choose [Menu/Info/Chat] to enter Chat Room 1 and Chat Room 2 to have a chat.

Voice Mail Server

This is a kind of network service, which cannot be used until you apply to the network operator or open it. Please consult the local service provider for more details and voice mail number.

- ■ Call voicemail: You can dial the voice mail number saved in the voice mail number function list. If you have two phone numbers, they will have their own voice mail number.
- ■ Edit: You can edit name and edit the voice mail number. Press the OK key to save the number.

Tip: In standby state, after the voice mail number is set, press 1 key to call the voice mail. In dual-SIM standby state, you can choose to call the voice inbox via SIM1 or SIM2.

Broadcast Message

Cell broadcast is a kind of information service such as weather report, traffic etc that the network operator sends to the GSM users within certain area. In dual-SIM mode, you can separately set SIM1 and SIM2.

- ■ Receive Mode: You can ON/OFF such function.
- ■ Read Message: You cannot read the received information until you open such function.
- ■ Languages: You can set the language for the received information.
- ■ Channel Settings: You can choose, add and edit and delete channel number.

Multimedia

Games

This mobile phone provides the inbuilt games. Please refer to the operation instructions attached to the games.

Game settings

- ➢ BGM: On or off background audio.

- ➢ Sound effect: On or off audio.
- ➢ Vibration: On or off Vibration
- ➢ Volume: Up and Low Volume

Photo Album

Edit the photo as choosing Phone artist and Image tiles.

Video recorder

Press the OK key to start video recording. The duration of recording depends on the time limit set and file management capacity. Entering the options, you can have the following settings:

Options	Description
camcorder Settings	You can set Banding and videos quality.
storage	You can choose video storage path (to phone or memory card).
Restore Default	You can restore the recorder to factory settings.

Video player

It supports the videos in avi. In such mode,

you can have the following operations to the specified file in avi.

Options of the player

Options	Description
Play	It supports the videos in 3GP and will not be limited by file size. Click the play interface to play.
Send	As multimedia message; as email; via Bluetooth.
Rename	You can rename the specified video.
Delete	You can delete the specified videos.
Delete All files	You can delete all files.
Sort by	For convenience of search, you can rank them as per name, type, time and size or choose "None".
Storage	You can choose video storage path (to phone or memory card).

Sound recorder

FM radio

This option allows you to listen to FM radio.

You need to plug in an earphone before accessing the application.
Option menu
- Channel list: You can edit and save 9 channels.
- Manual input: You can edit the specified radio frequency band. The frequency of the radio is between 87.5mHz and 108.0mHz.
- Preset Auto Search: You can have automatic search and save the searched channels into the list.
- Settings: You can set background play, loud speaker, record format, audio quality and record storage.
- Record: You can record new files.
- Append: You can have annex record for the files of the superior level (only for the record files in AMR).
- File list: the record files

Schedule FM record

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Settings

Dual SIM Settings

You can in any place and at any time set the dual-mode mobile phone as the following modes according to your own demand:

- ✧ Dual SIM open
- ✧ Only SIM1 open
- ✧ Only SIM2 open
- ✧ Flight mode

User Profiles

Your mobile phone is provided with multiple profiles so that you can customize some settings in different cases for different events. Firstly, as per your personal hobby, have individualized settings on profile and then activate it. You can have such profiles as General, Meeting, Outdoor, Indoor, Headset, Headset and Bluetooth.
The content can be edited at every profiles mode as following:

- Tone Setup: Include Incoming Call, power-

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on, power-off, Message Tone and Key Tone.
- Volume: Set the volume of Ring and Key Tone.
- Alert type: You can choose any one from Ring, Vibration, Vibration and Ring , Vibration then Ring as the current ring mode.
- Ring Type: You can choose any one from single, repeat and ascending as the current ring type.
- Extra Tone: You can have on/off settings on Warning Tone, Error Tone, camp on Tone and Call Connect Tone so as to have corresponding tone tips.
- Answer Mode: You can choose whether to use any key to answer.

After individualized settings, choose "Activate" in "Select" to start profiles.
Note: After the headset is inserted into the mobile phone, the mobile phone will automatically change into headset profile. Unplug the headset to return to the previous profile.
In standby state, you can press # key to switch to silence profile and again to the previous profile.

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Display setting

You can set standby menu display as wallpaper, screen saver, power on display, power off display, whether to display time and date and owner number (if set in the phonebook)

Time and Date:

With this function, you can set city, time and date format and the time of specific place.

Phone Settings

In such menu, you can set phone language, standby wallpaper, time etc.
Note: This option must be used together with auto update of time and date. Auto update of time and data cannot be conducted unless the network supports.

- Set Time and Date: You can set the current time and date.
- Set Format: You can set the display format for time and date.

Note: If the battery is taken from the mobile phone or the battery is used up for long time,

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when switching on the mobile phone after reinstalling the battery or charging the battery, you need to reset the time and date.
Special Note: In the area forbidding using mobile phone (such as cabinet), you must confirm to inactivate this function before entering this area so as to prevent accident.

- ➢ Schedule Power on/off: You can set the time for schedule Power on/off.
- ➢ Language: You can choose the desired language for phone display.
- ➢ Preferred Input Methods: You can set the input methods of the mobile phone according to your operation habit.
- ➢ Greeting text: You can set the greeting text displayed on the main screen.
- ➢ Auto update of date and time: To set the mobile phone to automatically update time and date according to the current time zone, choose "Activate". Auto update of time and date will not affect the alarm clock, calendar or alarm clock memo setting time, which will be subject to the time and date when created. However, auto update of time and date may make some set alarm clocks out of

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date.
- ➢ Misc. Settings: You can adjust the brightness and time of LCD backlight and set the trackball sensitivity.

Call settings

[SIM Card settings]
Caller ID: Including set by Network, hides ID and send ID.

- ◆ Set by Network: While having a call conversation, you can send my caller ID in the form preset by the system.
- ◆ Hide ID: While having a call conversation, you will not send my caller ID. If the system does not support such function, call may fail.
- ◆ Send ID: While having a call conversation, you can send my caller ID to the system.

Note: This function needs network support.
Call Waiting: You can set this function On or Off. The call hold and multi-party call cannot be active unless this function is activated. This needs network support.

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Call Divert: This is a kind of network function, which cannot be used unless you apply to the network operator for it. With this function, you can divert calls meeting the conditions to another number.

Name	Description
Divert All Voice Calls	The network will divert all voice calls without conditions.
Divert if Unreachable	When the network cannot find your mobile phone (switched-off or out of the service area), it will divert the calls.
Divert if no Answer	When the mobile phone does not answer the call, the network will automatically divert it.
Divert if Busy	When you are on line, the network will divert the call.
Divert All Data Calls	Network support needed.
Cancel All Diverts	Cancel all divert functions.

Call Barring

■ Outgoing Calls:
1. All Calls: You can bar all outgoing calls.
2. International Calls: You can bar international calls.
3. International Calls Except To Home PLMN: When abroad, you can dial the calls of the current country and the original country (the service providers allows to do so).
■ Incoming Calls:
1. All Calls: You can bar all incoming calls.
2. When Roaming: You can bar all calls except the calls of the local service area.
■ Cancel All: You can cancel call barring settings and dial/receive calls normally.
■ Change Barring Password: You can apply to the network to change the password for call barring.

Line Switching: You can choose Line 1 or Line 2.

Closed User Group: This function needs network support. Please consult the local operator for details.

Auto Redial: You can set it as On or Off. After the first automatic redial fails, you can have at most ten times to connect a phone number.

Call time Display: You can set whether to display call duration during call conversation.

Call Time Reminder: You can set one alert tone or periodic alert tone for several round minutes during call conversation so that you can understand call time. You can turn off the alert tone.

Security Setup

➢ **SIM Lock**: You can set SIM lock (PIN code) as on/off. When this option is chosen, it is necessary to input PIN code for every insert of the SIM card.
➢ **Phone Lock:** You can set it as On or Off. It is a password of 4-8 digits and the defaulted one is 0000. You can change it.
➢ **Auto Keypad Lock:** You can set it as On or

Off. The mobile phone has keypad lock function. When it lasts certain time, the keypad will be locked, including such options as Off, 5s, 30s, 60s and 5min.
➢ **Fixed Dial:** This function needs the support of the SIM card and the network operator. When it is activated, you can only dial the phone numbers saved in host fixed dial list. To activate it, you need to input host PIN2 code.
➢ **Barred Dial**: You can set barring all or some dials. (SIM card support needed)
➢ **Change Password:** You can change the defaulted phone password "0000" into 4-8-digit number easy to remember. If the phone lock is activated, when switched on, the mobile phone will hint "Phone locked". To unlock it, you can input the phone lock password and click OK.

Restore Factory Settings

Reset the phone to default values (factory settings).
The phone password is 0000.

Organizer

Private Menu

Choose the password 0000 to continue the function

as the phone guides.

Calendar

With this function, you can set the alarm clock to remind you of your schedule and record your schedule. Roll the highlight block to the desired date and then the current date will be highlighted in green. If the date is set with memo function, then this date will be highlighted in red. To view all memos of one day, press OK to see the schedule. You can have the following operations:
■ View: You can view the schedule of the date where the cursor is on and set the time, date, content and whether to activate alarm on this schedule of todays. When editing the schedule, you can choose alarm type with the left and right direction keys. In addition, you can have such operations as Delete, Delete and Add on the schedule.
■ View all: You can view the entire schedule of the date where the cursor is on and set

the time, date, content and whether to activate alarm on this schedule.
■ Add event: you can select task type as reminder, meeting, course.
■ Delete event: You can delete the task as the phone guides.
■ Jump to Date: You can move to the calendar of the specified date.

To do list

You can have such operations as Create Memo, Add, Edit, Delete, Delete All and Send on memos.
If you have set alarm for the memo, when the set time is reached, the mobile phone will ring and display the memo content.

Alarm clock

The time format for the alarm clock is identical to that of clock. When the mobile phone is off, the alarm clock can still work provided the battery is sufficient. The system has set 5 alarm clock options and the defaulted is off. You can activate one option or all options according to the actual demand. Every alarm clock option can set independent time and date.

When the time is reached, the mobile phone will give out alert tone and flicker the current time and date on the screen. Press Stop to stop alarm clock; press Sleep, then the mobile phone will pause ringing and continue after 4min.

If alarm time is reached but the mobile phone is switched off, then the mobile phone will be switch on automatically and ring. If Stop is pressed, then the mobile phone will ask you whether to switch on the mobile phone. Press "No" to switch off the mobile phone and "Yes" to register at the network and switch on the mobile phone.

World clock

Press the left and right direction keys to view the current time of every country corresponding to every time zone.

Calculator

- The upper direction key for "+" and the lower direction key for " — ", the left direction key for "×" and the right direction key for "÷";
- Press the clear key to clear the latest inputs or results digit by digit; press the clear key long to clear all content or result;

- Press "OK" key to obtain the result.
Note: The precision of this calculator is limited and can be used for simple calculation.

Currency coverter

To save exchange rate, press "OK", then choose to set exchange rate. Choose one exchange rate from the displayed options. After that, press "OK" to confirm. Then the exchange rate will be saved in the memory until you enter a new one to replace it. To convert currency, enter the sum to be converted, press "OK" and then choose to local currency or foreign currency.

Ebook reager

In standby, choose [Menu/Extras/E-book Reader]. After e-book is activated, the e-book list will be displayed. If no e-book, click Options to have such submenus as Clean Up Bookshelf and Global Settings.

If there are e-books, you can choose one e-book and press Options to have such submenus as Open E-book, Update, System Preset, Details, Delete, Delete All, Ranking, Execute System Preset and Help.

- Open E-book: Activate the current e-book

and enter the reading menu.
- Clean up bookshelf:
- Global settings: You can set Font Size, Scroll By, Auto Scroll, Scroll Speed, Full Screen, Encoding, alignment and Storage Priority.
- Book info: Display the detailed information about the current e-book.
- Delete: Delete the current e-book.
- Delete All files: Delete all e-books.
- Sort by: You can have such options as As per Name, As per Type, As per Time, As per Size or None to rank e-books.
- Apply global settings: You can execute the options for the preset system.
- Help: You can have some operation instructions. Use key 0 to go to book settings screen; use key 1 for help; use key 2 to add a bookmark; use key 3 to go to find screen; use key 4 to go to jump to screen; use key 5 to go to bookmark; use key 6 to find next; use key 7 to toggle the auto scroll; use key 8 to remove bookmark; use key 9 to toggle full screen mode.

Camera

With this function, you can use the inbuilt camera to take photos. The lens of the camera is located on the back of the slide and the screen is used as the viewing window. All photos taken are in JPG form. After downloading the photos onto PC, you need some software to view them.

If the storage space of the mobile phone is insufficient to store the taken photos, it is necessary to delete some old photos or other files in "File Management" function list to release more space.

Description of Mobile Phone Options:

Options	Description
Photos	To view the saved photos.
Camera Settings	Shutter Sound: sound 1, sound 2, sound
	EV: EV-2 ——EV+2.
	Contrast: High, Medium, Low.
	Banding: 50Hz(default), 60Hz.
	Delay Time: 5s, 10s, 15s or Off.
	Cont.Shot: 1 Shot , 3 Shot , 5 Shot and Off.

Image Settings	Size: 220*176,320*240,640*480
	Quality: Good, Normal, Low.
White Balance	Auto, Daylight, Tungsten, Fluorescent, Incandescent.
Scene Mode	Auto, Night.
Effect Settings	Normal, Gray scale, Sepia, Sepia green, Sepia blue, Color invert.
Storage	Phone, Memory Card.
Restore	You can restore the recorder to factory settings.

Audio player

The songs you store in the MMC will appear in the audio player. Please check if you have stored the songs in "My Music" folder. You should also check whether default storage is Phone or MMC.

Go to Multimedia → Audio player → List → Option → Setting → Player setting → Pre.playlist (Memory card) & press ok.
Description of audio player options:

Options	Description
Play	Play the current chosen music.
Details	View file name, track, SQ, file size, music duration, music name, singer, music special a music type etc.
Add to Ringtones	Add the chosen music into the ring base.
Refresh list	Enter the tracklist and update it (e.g. the deleted music in the file management will not disappear until update is conducted.
Settings	Play Settings: Tracklist path, automatic tracklist, repeat, shuffle background play.

7. Editor Operation

The mobile phone provides multiple convenient input modes, which can support the use of other functions.

Basic letter input

After "abc"/"ABC" is chosen, input your desired letters with the standard keypad. By pressing "**Aa**" key you will change from one

input method to another. You can type a capital letter by pressing "⇧" key followed by the letter you wish to type in capital letter.

Number input

This mode is mainly used to input phone numbers etc. After "number" is chosen, you can input digit into the place where the cursor is flickering. To get into this mode, you should press "**Aa**" key several times until the phone goes into this input mode.

Symbol input

In any of the above input modes, you are provided with symbol input. If you cannot see symbols, press "**sym**" key to see them. If you want one symbol, press the up/down/left/right key to choose.

8. Use of USB

Notices before use

■ Always connect and stop USB device correctly.

■ Never use Windows formatting command to format the mobile disk of the mobile phone; otherwise, it will be damaged severely.
■ USB work environment:
 o Windows2000 / XP.
 o For other operation systems, the connection between PC and the mobile phone cannot be conducted unless USB driver is installed.

9. Maintenance & Safety

Please read and observe the following information for safe and proper use of your phone and to prevent damage. Also, keep the user guide in an accessible place at all the times after reading it.

After sales service

You are kindly refer to the Warranty Card provided in the sales package box.

Charger and Adapter Safety

o Charger and adapter are designed for indoor use only.

Battery Information and Care

o Please dispose of your battery properly.
o Do not disassemble or short-circuit the battery.
o Keep the battery's metal contacts clean.
o Recharge the battery after long periods of non-use to maximize battery life.
o Battery life will vary due to usage patterns and environmental conditions.
o The self-protection function of the battery cuts the power of the phone when its operation is in an abnormal status. In this case, remove the battery from the phone, reinsert it, and turn the phone on.

General Notice

o Using a damaged battery or placing a battery in your mouth may cause serious injury.
o Do not place items containing magnetic components such as a credit card, phone card, bank book, or subway ticket near your phone. The magnetism of the phone may damage the data stored in the magnetic strip.
o Talking on your phone for long period of

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time may reduce call quality due to heat generated during use.
o When the phone is not used for a long period time, store it in a safe place with the power cord unplugged.
o Using the phone in proximity to receiving equipment (i.e. Radio) may cause interference to the phone.
o Do not paint your phone.
o The data saved in your phone might be deleted due to careless use, repair of the phone, or upgrade of the software. Please backup your important phone numbers. (Ring tones, text messages, voice messages, picture, and videos could also be deleted.) The manufacturer is not liable for damage due to the loss of data.
o Do not turn your phone on or off when the phone is close to your ear.

Troubleshooting

Phenomena	Possible Causes

Unable to switch on	1. Does the battery have power? 2. Is the battery placed correctly
SIM failed	1. The SIM card is dirty. Clean it. 2. Reinstall the SIM card. 3. The SIM card is damaged. Replace it.
Poor signals	Check the signal strength icon on the screen. If the icon contains 4 bars, it indicates the signal is the strongest; if below 1 bars, it indicates the signal is very poor.

Unable to dial out	1. Maybe you have set Hide My Caller ID but your network operator does not provide this service for you. 2. Strong interference exists around you. 3. Maybe you have activated the call restriction function. 4. Maybe you have activated Line 2 but your network operator does not provide this service for you.
Unable to charge the battery	1. The battery may discharge too much; so it cannot be charged until it is connected for certain time. 2. Its performance has worsened.

Unable to register to the network	1. Too weak signals or strong interference. 2. SIM card installed properly? Bad contact or SIM card damaged? If the SIM card is broken, please contact the network operator to replace it.
Photos taken are too dark	1. Check if the too low photo brightness is set. 2. Check if ambient ray is too dark.
Photos taken are too unclear	1. Check if the object taken is moving. 2. Check if the mobile phone shivers slightly while you press shutter.
Photos taken is distorted	The object taken may be too close to camera lens.
Unable to access service menus.	Maybe the SIM card does not support service function.
Only part of the photo set as standby photo can be seen.	The size of the photo may be too big. The recommended size is 220*176

10. Abbreviations &

Definitions

SMS	Short Message Service
EMS	Enhanced Message Service
SIM	Subscriber Identity Module
GSM	Global System for Mobile Communication
PIN	Personal Identity Number
PUK	PIN Unblocking Key
IMEI	International Mobile Equipment Identity
CB	Cell Broadcast
GPRS	General Packet Radio Service
MMS	Multimedia Message service
Card 1	Host card (the card inserted in SIM1 slot)
Card 2	Slave card (the card inserted in SIM2 slot)

Warning

FCC RF Exposure Information and Statement:

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

Product, model number: EV531 (FCC ID: ZYPEV531) has also been tested against this SAR limit. The highest SAR value reported under this standard during product certification for use at the head is 0.728 W/kg and when properly worn on the body is 1.314 W/kg. The 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 body and the back of the handset .The use of belt clips, holders 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. Any Changes or modifications not expressly approved by the party responsible for compliance 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.