Important Safety Precautions

2、**Personal**

Radio equipments including mobile phone may cause interfere to some medical equipments, such as audiphone and pacemaker.

Please consult your medical equipment supplier or doctor before using the mobile phone.

Please pay much attention to the limitation on usage of raido equipments at the site near oil store, chemical plants where there is explosive gas or explosive product lines.Your mobile phone will radiate electromagnetic signal when your mobile phone is in standby status.If neccessory you shall shut down your phone set.

Please pay attention to safty driving.Don't use mobile phone when driving. Or you shall stop your car before using your phone.

Please info your operator or distributor to

disable your mobile phone and SIM card at once when your mobile phone is lost or stealed. It may free you from further economic loss.When you contact operator or operator's distributors, they need your mobile phone's IMEI number.The number is printed on the label on backside of the phone set (You shall revome the battery to find this label).Please record this number in a proper place for your further use.

To prevent potential misuse of your mobile phone, please carry out some security means, such as: setup SIM card's PIN code or mobile security password, and modify these codes and password in time if known by others.

Don't leave your phone in your car when you leave your car. It's better to keep the phone set in your pocket or pack

Don't let children play phone, charger or
battery.

3、Mobile Phone

Your mobile phone will cause change in
electromagnetic field, so please place it near
electromagnetic media such as softdisks.

Using mobile phone near TV, telephone,
radio or PC may cause interfere and thus effect
the performance of mobile phone.

Never place your mobile phone or other
accessories near liquid or in humid
environment.

Please do not put phone at super high and
knockdown temperature environment.

Never place any article under the folder of
mobile phone.

Never place your mobile phone near flame
or burned cigarette. Never scrawl on your
mobile phone.

Never drop your mobile phone.

Never place it near electromagnetic media
such as softdisks or credit card.Or the data

stored in these media may be damaged by mobile phone.

Never try to disassemble mobile phone or other accessories. Clean mobile phone with only wet or anti-static cloth.

Never clean mobile phone with dry or static cloth. Never use any chemical material or detergent with abrading element, or they may damage the shell of mobile phone.

Microphone may heat in normal operation, and mobile phone may heat during recharging.

4、 Battery

Don't short pass battery, or it may cause the battery damaged and the heat may cause fire. Never litter the battery into fire, or it may cause explosion. You shall place used batteries into collection site or return them to providers, and never put them into home garbage bin.

Never remove battery when the mobile phone is turn on.

Never put battery into your mouth, for the electrolyte in the battery may cause you poisoned.

The built-in battery of mobile phone can

only be repaired by professional engineers. Unmatched battery may cause explosion.

Please handle used batteries following manufacture's instruction.

Any battery or charger not authorized by the manufacture of the mobile phone may cause danger. The damage resulted from these reasons is not covered by warranty.

Microphone may heat in normal operation, and mobile phone may heat during recharging. Notice: Don't touch any leakage from broken batteries. If the leakage contact your skin, please rinse your skin with water and ask doctors for help.

5、On Road

You must control the auto safely all the time, please pay the attention to the driving.

Please pay much attention to the laws and regulations related tothe usage of mobile phone before make or answer any call. Please stop the auto firstly, then dial or answer the phone. Answering or dialing call in hard shoulder of expressway is forbidden unless on emergent condition.

Airbag, brake, velocity control system and oil injection system is free from any radio effect. Any problem about these fields please contact your motor distributors.Airbag will bring strong force when it is released, so please never place or install wireless equipments over airbag or around the expending area of airbag, otherwise these equipments may cause severe damage when it is released.

When oiling please shut off your mobile phone and all radio equipments are not permitted to use at the same time. Don't place the mobile phone with any flammable materials, or the internal flash may cause fire.

6、On Board

During the whole period of flight, please shut off your mobile phone to avoid interfere to the airplane's communication system.

In emergency you shall get permit from the crew of airplane before using mobile phone.

Getting Start

Please read this manual carefully before using your mobile phone. This chapter will teach you how to install, recharge and maintain your mobile phone batteries. It will also tell you some information about GSM network and instruct you to insert and unlock SIM card. The info about it will also be detailed in this chapter.

2.1 Battery

The phone is powered by a rechargeable Li-ion battery. It was not fully charge but can still support the power on of your mobile phone. The new battery shall be recharged for at least 14-16 hours(but less than 24 hours), and shall be recharged again only after used out completely; the third time of recharge shall performed only after used out completely, and then the battery can reach its best performance.

2.1.1 Load and unload of battery

Load battery

The metal joint of battery should aim at metal joint of the phone, slide it into slot top at the angle of 15°and slide the battery to the end forward.

Then press the bottom of battery, you can hear the sound of "kaka" and the battery is locked.

Cover the battery cover to the phone.

2.1.2 Remove battery

Turn off phone set, remove other external power source.

Press at the top of the battery cover and pull it toward the end of the phone, and demount it.

Lift the battery by raising the button on the left end of the battery and remove it.

2.1.3 Charge the battery

1、Make sure that the battery is well connected.

2、After install the battery and battery cover, plug the connector of the adapter into the jack at the left side of the phone.

3、Plug the adapter into a standard AC wall outlet.

4、Now appears a "In charging" icon to indicate that the battery is being charged (or charge instruction bars keep changing if the phone is turned on). When the icon is not in movement (and prompt recharging is over), it indicate that recharging is completed.

5、When charging is finished, unplug the adapter from both the power outlet and the phone by pressing the tabs on both sides of the connector and pulling the connector out.

Warnings:
During recharging battery, phone set and charger will become heat, and it is normal. Charging shall be conducted in ventilated place within temperature between +5 C to +40

C and using the charger supplied by the manufacture. Unauthorized charger may cause danger and will breach the warranty terms of the mobile phone.

2.1.4 Low Battery Indicator

When the battery is weak and only a few minutes of talk time remain, you will hear a warning tone and a message will be repeated at regular intervals on the display:

If the battery level gets too low, the phone turns off automatically.

2.1.5 Usage of battery

The standby duration time of the mobile phone provided by the manufacture is measured in ideal environment. In real application it may change in different network status, environments and usage ways.

2.2 SIM card

Your network operator will provide you a insert-type SIM card (User Indentification Card).It is a key you enter into digital GSM network.Before using your mobile phone you shall insert a valid SIM card.

All information related to access network is recorded in SIM card, as well as names, phone numbers. You can remove the SIM card from your phone set and insert it into another GSM

phone set (the later phone set can read data from the SIM card automatically).
In order to prevent any potential loss or damage of data in the

card, you shall try to avoid touch any metal area and keep the SIM card far away from electricity and magnetic field. Once SIM card is damaged, you can never enter into GSM network.

Warnings:
You shall turn off your mobile phone before unload SIM card. Never insert or remove SIM card when external power is connected to the phone set, other wise SIM card may be damaged.

2.2.1 Insert SIM card

You must remove your SIM card from the card-type package before load it into phone set.

1、Turn off phone, remove battery cover and other external power source;

2、Slide SIM card into its holder with the gold contactor facing down.

3、The SIM card gap must aim at corresponding angle.

If you want to remove SIM card, please turn

off phone set, remove battery and then unload the SIM card.

2.2.2 Access Code

There are several access codes that are used by your phone and its SIM card. These codes help you protect the phone against unauthorized use.

2.2.3 Phone Password

The Phone Lock feature uses the phone password to protect your phone against unauthorised use. The phone password is supplied with the phone and is preset to "0000" at the factory.

The access codes, except for the PUK and PUK2 codes can be changed using Security menu options (Menu 4.6). See page 89 for further details.

Warning： Avoid using access codes resembling emergency numbers, such as 112, so that you do not dial an emergency number

accidentally.

PIN

The Personal Identification Number or PIN (4 to 8 digits) protects your SIM card against unauthorized use. It is usually supplied with the SIM card.

If you enter an incorrect PIN three times in succession, the code is disabled and cannot be used until you re-enable it by entering the PUK (see below).

PUK

The 8-digit PUK (PIN Unblocking Key) is required to change a disabled PIN. The PUK may be supplied with the SIM card. If not, or you have lost it, contact your service provider.

re-enable your PIN:

1、Enter the PUK and press the left soft key.

2、Enter a new PIN of your choice and press the left soft key.

3、 When the Confirm New PIN message displays, enter the same code again and press the OK soft key.

If you enter an incorrect PUK ten times in

succession, the SIM card becomes invalid. Contact your service provider for a new card.

PIN2

The PIN2 (4 to 8 digits), supplied with some SIM cards, is required to access specific functions, such as setting the maximum cost of a call. These functions are available if supported by your SIM card.

If you enter an incorrect PIN2 three times in succession, the code is disabled and you cannot access the functions until you re-enable it by entering the PUK2.

PUK2

The 8-digit PUK2 (PIN Unblocking Key 2), supplied with some SIM cards, is required to change a disabled PIN2. If you lose the code, contact your service provider.

re-enable your PIN2:

1、 Enter the PUK2 and press the left soft key.

2、 Enter a new PIN2 of your choice and press the left soft key.

3、 When the Confirm PIN2 message displays,

enter the same code again and press the left soft key.

If you enter an incorrect PUK2 ten times in succession, you will not be able to access the functions requiring the PIN2. Contact your service provider for a new card.

2.2.4 Barring Password

The 4-digit barring password is required when you use the Call Barring function. You obtain the password from your service provider when you subscribe to this function. See page 109 for further details.

2.3 Sony memory Stick

Your phone supports Sony Memory Stick The memory Stick adds more storage space to your phone to store, for example music, ringtones, video clips and pictures

Load：

Carefully open the Memory Stick slot cover and insert the memory card.

Remove：

Press the edge of memory card to release it

from the slot.

2.4 USB Cable

Through USB Cable, the phone can be connector with computer to transfer files.

To start a USB connection：

1、Plug USB connector to the computer.

2、Plug another USB connector into the jack at the left side of the phone.

To end a USB connection：

Exit the USB connection on your computer. Remove the USB cable from your phone.

Notes:

1、When connected with computer, "Mass Storage" and "COM Port" will be displayed for you to select. Chose "Mass Storage" to transfer files and the phone will be turned off. Chose" COM Port" to recharge the battery.

2、Make sure you use only the USB cable that comes with the phone, and that you connect the USB cable direct to your computer. Do not remove the USB cable from the phone or computer during transfer.

3. Getting to know the phone
3.1 Phone overview

94. 5*40. 7*13 mm

音量调节键

USB

数字键盘

摄像头

测试孔

自拍镜

3.2 Keys and Navigation

Keys	Description
Power on/off Key	• Switch the phone on/off when pressed and held • Ends a call • In the menu mode, cancels your input and returns to the idle mode.
Dial Key	• Makes or answer a call • When held down in the idle mode, reviews Call Records.
Navigation Key	• In menu mode and when entering text, scroll through the menu and text. • In idle mode, Up Key allow you to access Call Records menu; Down Key allow you to access Phone Book menu; Left Key allow you to

	access Audio Player menu; Right Key allow you to access Message menu;
OK Key	• In idle mode, launches the WAP Browser directly.
Soft Key(Left/Right)	• Perform the functions indicated by the text above them(on the bottom line of the display) • In idle mode, Left Soft Key enters the main menu; Right Soft Key enters Phone Book menu.

Alphanumeric Keys	•In idle mode, enter numbers, letters and some special characters. •In menu mode, press and hold any of these keys to reach a contact beginning with a specific letter. • Press and hold any of these key to enter the specific function you set.
* Key	• In idle mode, long press to lock the phone; • In idle mode, press the key three times quickly to dial international call
# Key	•In idle mode, press and hold to set the phone to silent.
Side Keys	• In the idle mode, adjust the key volume; • During a call, adjust the earpiece volume.

3.3 Icon

Icon	Description
	Shows the level of your battery. The more bars you see, the more power you have left.
	Shows the received signal strength. The greater the number of bars, the stronger the signal.
	GPRS can be used.
	Appears when a call is missed
	Appears when a new text message has been received.
	Appears when Alphanumeric Keys are locked.

♪	Appears when Ring Type(in Alert Type) is set.
🔋	Appears when Vibration Only Type (in Alert Type) is set.
🎵	Appears when Vibration then ring Type (in Alert Type) is set.
🔇	Appears when Vibration and Ring Type (in Alert Type) is set.
🔔	Appears when you set an alarm to ring at a specified time.

3．4 Switching the Phone On or Off
3.4.1 Switching the Phone On
1、Press and hold the ?key until the phone

switches on.

2、If the phone asks you to enter the phone password, enter the password and press the left soft key. The phone password is preset to "0000" at the factory.

3、If the phone asks for a PIN, enter the PIN and press the Left soft key. （For further details, see "Phone password"）.

3.4.2　Switching the Phone Off

When you wish to switch the phone off, please press Power On/Off key, when power-off animation displays on the screen, mobile phone is off.

Warning:
Please do not turn off mobile phone by taking out battery directly. If do like this, it is easy to harm SIM card and result in loss of some information.

3.5 Call Function
3.5.1 Making a Call
1、The phone searches for your network and after it finds the network, you can make or

receive a call.

2、When the idle screen displays, enter the area code and phone number, and press the Dial key.

3.5.2 Making an International Call

1、Press * Key thre etimes quickly. The * + character appears;

2、Enter the country code, area code and phone number and press the Dial Key.

Notes：Correcting the Number

Press the Right soft Key to clear the last digit displayed or long press to clear the whole display.

3.5.3 Ending a Call

When you want to finish your call, briefly press the Power on/off   key.

3.5.4 Making a Call from the Phonebook

You can store frequently-dialled phone numbers with a name in the SIM card or the phone memory, using the Phonebook. You then simply select the required name to recall

the associated number.

3.5.5 Making an Emergence Call

In any country if you want to dial an emergency call you can dial 112 (or other emergency service number). Ensure that you have turn on the mobile phone and be in a service scope of network, and then you can input the emergency number and press Snd key. After setting up the call you can tell the operator your location.In emergent situation, please don't hung up your phone and try to stay your site and keep telephone communication.

Due to the character of GSM network, urgent calling is not guaranteed to succeed.

3.5.6 Adjusting the Volume

During a call, if you want to adjust the earpiece volume, use the side keys on the right side of the phone.

Press the Up Side key to increase and the Down Side key to decrease the volume.

3.5.7 Answering Call

When call comes in, the phone alerts you by ringing, vibration, vibration and ring, vibration then ring or only light according to the setting of mobile phone.

If you want to receive the call, press Dial key.

If you want to reject the call, press [power on/off] or press right soft key to "refuse".

Notes:

If you have applied Calling Number Identification, calling number will display on the screen when calling. If this number has

been saved in telephone memory book, the name corresponding to this number will display on the screen.

3.5.8 Viewing Missed Calls

The number of missed calls displays on the idle screen immediately after a call is missed. You can press " View" to read the information.

3.5.9 Rapid Dial-up

This mobile phone provides 9 shortcut key. You can self-define the telephone numbers corresponding to these keys (see "telephone directory" for detailed description). Only when you press any key from [2-9] keys under power saving state, you can rapidly dial out;

Notes:

1、key of rapid dial-up must be pressed for over 2 seconds. If you press shortcut key and have not defined in setup/mobile phone setup/rapid dial-up, it is hard to dial out.
2、[1] key is set as rapid dial-up of voice mail box number. After set up voice mail box

number, this key will be available.

3.5.10 Hold Call

If you have applied for the value added business of hold call service, press left soft key in the process of session for the following menu:

Options	Description
Suspend	Suspend current session temporarily, but maintain connection of the communication line.
End	End current session.
New Session	Enter dial-up interface, dial another telephone number
Phone Book	Enter Phone Book .
Short Message	Enter short Message menu

Sound Recording:	Carry out sound recording for current session content.
Mute/resume	Turn off/on headphone.
Dual Sound Multi-frequency	Set whether send out DTMF signal.

Notes:

Some menu option only appear under specific situation, or need support of local network, such as "new session" Emergency call.

In any country if you want to dial an emergency call you can dial 112 (or other emergency service number). Ensure that you have turn on the mobile phone and be in a service scope of network, and then you can input the emergency number and press Snd key. After setting up the call you can tell the operator your location.In emergent situation, please don't hung up your phone and try to stay your site and keep telephone communication.

Dut to the character of GSM network, urgent calling is not guaranteed to succeed.

3.6 Entering Text

You can select English and Spanish as display language. The phone allows you to enter characters for messages and names in Chinese and English.

When you are in a field that allows characters to be entered, you will notice the text input mode indicator on the display. You can change the Text Input Mode by press# Key and Press * Key to insert symbols in a text message. To insert a space between characters, press 0 key except in Numeric mode.

3.6.1 Using the English Mode

This phone provides Capital and Small mode for you to enter text. When typing in the English mode, you should press key labelled with the required character:

-Once for the first character
-Twice for the second character and so on.

3.6.2 Using the Number Mode

The Number mode enables you to enter numbers in a text message (a telephone number for example). Press the keys corresponding to the required digits before manually switching back to the appropriate text input mode.

3.6.3 Using the Smart English Mode

This phone provides Capital and Small English mode for you to enter text. This mode allows you to enter English words with only one key press per letter. Each key on a keypad has more than one letter - a single press on the 5 key could be J, K, or L. The Quick English mode automatically compares your key presses to an internal linguistic database to determine the correct word.

3.6.4 Using the Smart Spanish Mode

This phone provides Capital and Small Spanish mode for you to enter text. This mode

allows you to enter Spanish words with only one key press per letter. Each key on a keypad has more than one letter - a single press on the 5 key could be J, K, or L. The Quick English mode automatically compares your key presses to an internal linguistic database to determine the correct word.

4.0 Menu Functions
4.1 Call History

This mobile phone can record telephone number of missed call, received call and dialed call, can record time and charge for all the calls. If mobile phone is in power-on state and within network service area, with support of network, it can record missed calls and received calls. In the function list of missed call, received call and dialed call, you can view period and time of calls, edit or delete telephone number in the list, save telephone numbers to telephone directory.

4.1.1Missed Call

This option lets you view the last 20 numbers of the calls you received.

The number and name, if available, display together with the date and time at which the call was received.

By pressing the option key, you can:

~ Edit the number if available and dial it or save it in the phonebook

~ Delete the call from the list

4.1.2 Dialed Call

This option lets you view the last 20 numbers you dialled.

The number and name, if available, display together with the date and time at which the call was made. By pressing the Options soft key, you can:

~ Delete the number

~ Edit the number and save it in the phonebook

4.1.3 Received Call

This option lets you view the last 20 numbers at the calls received.

The number and name, if available, display together with the date and time at which the

call was received. By pressing the Options soft key, you can:

~ Edit the number if available and dial it or save it in the phonebook

~ Delete the call from the list

4.1.4 Delete Call Record

You can delete all of the call records in each call type; missed, received, dialled calls.

When the desired call record highlights, press the Left Soft key. When a confirming message displays, press the Yes soft key to delete. If not, press the No soft key.

4.1.5 Call Time

This option lets you view the timers for calls made and received.

The following timers are available:

1、Last Call Time: the length of the last call.

2、Total Sent: the total length of all calls made since the timer was last reset.

3、Total Received: the total length of all calls received since the timer was last reset. Reset All Timers: option used to reset the call timers;

4.1.6 Call Cost

It needs to be supported by network service provider.

Options	Description
Last call Cost	Last call charge can be viewed through this function.
Total Cost	total cost of all calls made since the cost counter was last reset. If the total cost exceeds the maximum cost set in the Max Cost option, you can no longer make any calls until you reset the counter.
Reset Cost	option used to reset the cost counter
Max Cost	option used to enter the maximum cost that you authorise for your calls.

| Price Per Unit | This function needs support of network. For details, please consult network operator. |

4.1.7 SMS Counter
   View the record of number of message sent and received, and reset the Counter

4.1.8 GPRS Counter
   View the amount of Bit you sent and received, and reset the Counter

4.2 Setting

4.2.1 Phone Setup
   You can set up options such as language, waiting wallpaper, time for mobile phone in this menu.

Options	Description
Time and Date	1、Set Home city: select home city by press up and

	down navigation keys.
	Notice: This option need to be used together with auto time updating, with the support of network, can it auto update time and date.
	2、Set Time/Date: Set up current time and date.
	3、Set Format: Set up time and date display format.
	Notice: if battery is taken out form mobile phone or voltage of battery has been used up for a long time, it may need to reset time when you re-place battery or re-turn on your mobile phone after charging the battery.
schedule Power On/Off	Set up power on/off time designated for the phone.
Language:	Select language to display on mobile phone. English and

	Spanish are available.
Preferred input Methods	Set up default input method for mobile phone according to your operation practice.
Display characteristics	set up wallpaper, screen Saver, power on/off Display, , whether display date and time, own number of this mobile phone and operator name.
Greeting text	Set the greetings to display on main screen when power on.
Speed Dial	Set up whether turn on speed dial function and edit corresponding rapid dial-up numbers. If rapid dialup is "started", long press corresponding single key（2 -9 keys）to dial the number designated to this key

	through power saving interface.。
Auto update of Date and time	If you want to set up mobile phone to update time and date according to current time zone, please select "startup". Auto time updating will not influence your time setting for alarm clock, calendar or alarm clock memo. They are subjected to the time of creation. But auto time updating will make some alarm clock setup overdue.
Flight Mode	Supply normal mode, flight mode, inquiry when startup. Flight mode applies on board.
Misc Setting	Allows you to adjust the brightness and time of the display screen to make them

	lighter or darker.
Auto Keypad Lock	Setup automatic keypad lock to avoid dialing a number by accident. You can choose between the following options:None, five/thirty/sixty seconds and five minutes. In idle mode, the keypad is locked after you last press a key according to your set.

4.2.2 Call Setup

Options	Description
IP Number	Add or edit IP dial number.
Auto Redial	This function can set "Power On or Power Off" of auto re-dial. When one time trial dial fails, your mobile can try to dial for 10

	more times to try to get through some telephone number.
Call waiting	Set up functions such as turning on or off call waiting. When hold call and multi-party call, this function must be activated first. The realization needs support of network.
Call Divert	It is a network function. After you apply this function to network operator, the following functions can be used. This function can transfer the calls that meet the condition to another telephone number you designate. Divert all voice calls: divert all calls. Divert if Unreachable: divert calls if your phone is turned off or if you are unreachable. Divert if no answer: divert calls that you do not answer within a

	specified time limit. Divert if busy: divert the calls, if you are already on the phone; Divert all Data calls: Need network support Cancel All Divert : Cancel all transfer functions
Caller ID	This function needs to be supported by network. 1、Set By Network: Send number of this mobile phone according to system presetting method during session. 2、Hide ID：Do not send number of this mobile phone to system during session. If system does not support this function, it may possible result in that no call can be dialed out. 3、Sending ID：Send number of this mobile phone to system during session.

Call Barring	The call barring network service allows you to restrict your calls. Call barring can be set up in the following ways: 1、Outgoing Calls: calls cannot be made. 2、ncoming Calls: calls cannot be made 3、Cancel All: all calling barring settings are 4、Change Barring: you can set and change the call barring password obtained from your service provider using this option. You must enter the current password before you can specify a new one.
Line Switching	You can choose between Line 1 and Line 2. Notes:when you choose Line 2, you can not dial out.

Call Time Reminder	Set up one sound or periodic prompt sound for each integer minute during the call, so that you know call continuous time.
Call Time Display	Whether display your call time during the call
Closed User Group	This function needs support of network. For details, please consult local network operator.
Black List	This network service allows incoming and outgoing calls to be restricted to a selected user group.

4.2.3 Network Setup

Options	Description
Network	Auto：Mobile phone auto

Selection	selects the networks available
Preferred Network	Select the network in priority
GPRS Connection	Connect as needed, permanent connection

6.5 Security Setup

Iterms	Description
SIM Lock	Turn on or off SIM lock (PIN code) When this feature is enabled, you must enter PIN code each time the phone is switched on.
Phone Lock	When the Phone Lock feature is enabled, the phone is locked and you must enter the 4-8 digit phone password each time the phone is switched on. The password is preset to "0000" at the factory.

Fixed Dial	This function may need the support of SIM card and network operator. You need to input PIN2 code, if you want to activate fixed dialing number. When Fixed Dial is enabled, you can only dial fixed dialing numbers in the list.
Barred Dial	Set to restraint power on or off function of all or part of telephone function. (need support of SIM card)
Change Password	The Change Password feature allows you to change your current phone password to a new one, including PIN1, PIN2 and Phone Lock password.

4.2.4 Restore Factory Setting

Some setup of mobile phone can be resumed to factory delivery state. Factory setup password is "0000".

4.2.5 Sound Effect

  Equalizer：normal，bass，dance，classical，
treble，party，pop，rock

4.3 User Profile.

Your phone provides multiple scene mode for you to choose according to different events and environment. General, meeting, outdoor, indoor and headset modes are available.

Each scene mode can edit the following contents:

Options	Description
Tone Setup	Set up music for incoming call, alarm clock, power on, power off, message tone, keypad tone.
Volume	Set up ring tone and key tone respectively.
Alert type	Allows you to specify how you are to be informed of any incoming calls. Rring, vibration only, vibration and ring and vibration then ring options are available.
Ring type	Allows you to select the required ring type. Single, repeat and

	ascending options are available.
Extra Tone	Allows you to select turning warning, error, camp on and connect tone on or off.
Answer Mode	You can select any key answer. when this option is checked, you can answer an incoming call by pressing any key, except the Power on/off key and the side key) To reject the call, press the Power on/off key or side key.

Notes：

When earphone is plugged in, mobile phone will auto switch to headset mode. After earphone is plugged out, it will restore to general mode.
In idle mode, long press # key to switch to mute mode, long press again to resume to original mode

4.4 File Manager

Mobile phone has 800K space capacity and can manage pictures, MP3 and data files through this module.

Mobile Phone：mobile phone storage body

Options	Description
Open	Open files in memory card.
Create Folder	Establish a new data folder under root directory to better store files by classification.
Format	Format all data in memory card.

4.5. Messages
4.5.1 SMS

Short message function is a network service. You may need to apply to network operator first, then you can send and receive short message.

Your mobile phone supports the function of

sending short message. Short message is first sent to short message center of the network, then the network will send to object users (GSM user). If user has not turned on the mobile phone or can not receive short message (storage is full), network will temporarily save this message and storage life is determined by sending user setup and service operator.

With the use of short message service, your mobile phone can sent and receive chain character information, send chain information may influence the charge of message. For more details, please consult your service supplier.

If short message capacity is full, a flashing short message icon will appear on top line of the main screen; only after delete the messages already exist, can receive short message as normal.

If the other party has already received short message, message report prompt sound of mobile phone can be heard (if short message report has been started up).

Notes:

When you send message through short message network service, "already sent" may display on the mobile phone. This represents that mobile phone has already sent message to set information center mail box in mobile phone. But it does not represent that designated person has already received the message. For more details about information service, please consult your network supplier.

Options	Description
Wright Message	You can create short message in this menu. Each message capacity can reach 612 Chinese characters. 1、Done: when you finish, you can choose to send, save, send to many or send by group. 2、Use tempelate: allows you to apply one of the preset message templates to the text. 3、Insert Object: Insert picture, my picture, preset animation, my

	animation, ring, my ring, preset melody 4、Format Text: set the text size and style of text, alignment or paragraph 5、Input Method：Capital letter, small letter, intelligent English capital letter, intelligent English small letter, figure input, complicated Chinese stroke input, Pinyin input, intelligent Pinyin input, Pinyin input, intelligent Pinyin, stroke input (refer to stroke input list), punctuation.
Inbox	You can view the short messages received in the inbox. 1、Reply: Text reply to the short message received. 2、 Delete: Delete current short message.

	3、 Edit: Enter short message editing interface. 4 、 Forward: Forward this message to others. 5、IP Dial：dial short message number and number information in short message received. 6、Copy to SIM：save the message by coping it to SIM 7 、 Move to SIM: save the message by moving it to SIM 8、Delete All: Delete all messages in the inbox.
Outbox	When send message, select "storage and transfer", the stored message will be saved to outbox; edit the message that has not been transferred, also save it to outbox, then "None" will display on outbox, i.e. no transfer

	destination. The short message saved in outbox can be edited, sent, deleted, all deleted, received number.
Drafts	Save editing SMS. Other operations same as [Inbox].
Template	Edit or delete common phrases.
Short Message Setup	You can set up some parameters of short message in this menu. 1、Profile setting：In order to send message, local short message center number must be input first. Notice: short message number is provided by network supplier. 2、Common Setup： 1) Deliver Report：Network informs the other party whether receive short message and receiving time. 2) Reply Path: Transfer answer path to network end. This function need to be supported by

	short message center. 3、Preferred Storage：Set information location (SIM card or mobile phone) when storing. 4、Preferred bearer：Divided into GPRS preference, GSM preference, use GPRS only, use GSM only.Default state of mobile phone is GSM preference.

4.5.2 MMS

MMS can contain characters, voice segment and pictures. This mobile phone supports maximum 100 K MMS. If size of MMS exceeds limit, mobile phone can not receive this MMS.

If MMS contains pictures, mobile phone will adjust the pictures to complete show on screen of the mobile phone.

Display effect of MMS can be subject o difference of receiving devices.

Notes:

   Only when network operator or service supplier support, you can use this function. Only when device is provided with compatible MMS or email functions can receive and display MMS.

Options	Description
Write Message	Recipient Add telephone numbers —— input telephone number of object to be sent. Add E-mail —— input E-mail address of object to be sent. Copy Add telephone number —— input telephone number of object to be sent. Add E-mail —— input E-mail of object to be sent. Copy of Confidential Letter Add telephone number —— input telephone number of object to be sent.

	Add E-mail —— input E-mail of object to be sent. Subject：Subject of MMS can be edited by your own. Editing Content After MMS characters are edited, press confirm key to enter option: Complete Input Method Edit Characters Add Picture：Insert Picture Add Sound：Insert Sound Add Attachment ： Insert Attachment Remove Character Insert New Page Preview multimedia information Time Interval
Inbox	You can view MMS received in your inbox. You can also carry out the following operations. Review MMS and save picture, music and attachment.

	Review MMS details. Reply MMS Reply to all Forward MMS Delete current MMS Delete all MMS Save or use the number of MMS or inside MMS查看并处理已收到的彩信。
Outbox	View MMS that has not been sent out. Other operations same as [Inbox].
Drafts	Save editing MMS. Other operations same as [Inbox].
Template	Your mobile phone has 5 built-in preset MMS. Can enter to view detailed information, create new message operation from sample.
Message Setting	You can set up some parameters for MMS in this menu. 1、Compose

	1）Createion mode: two modes, 'not restricted' and 'restricted' 2）Image Resizing: set the size of image 3）Auto Signature：After signed content is edited, turn on/off name of MMS sender. 2、Send： 1）Validity period – set the time for storage and sending in short message service center. It can be 1 hour, 12 hours, 1 day, 1 week and maximum value. 2 ） Delivery Report——Turn on/off sending return report prompt. 3）Read Report——Turn on/off read return report prompt. 4 ） Priority——The priority of sending MMS is normal, high, minimum value. 5）Slide Timing ——Set the time interval for viewing multi- page

	MMS that the other party receive. Default: 5; maximum setup: 60
	6）Delivery Time——Real time, within one hour, within 12 hours, within 24 hours.
	3、Retrieve
	1）Home Network——Delay, instant, limit
	2）Roaming——Same as main network, delay, limit
	3）Read Report——Send, not send, inquiry
	4）Delivery Report——Confirm, cancel.
	4、Filter：
	1）Anonymous——Allow, reject
	2）Max size——Maximum capacity is 100K.
	3）Advertisement Message——Allow, reject
	5、Server Profile: Please select Mensajes Multimedia

4.5.3 Email

You can use your phone to send and receive emails message. You can use the same email setting in your phone as in your computer email program.(This function needs the support of network and it's charged)

Options	Description
Send & receive	send and receive emails in the email box.
Write email	edit email
Inbox	contains received emails
Unsent	contains unsent email drafts
Sent	contains sent emails
Drafts	Save editing SMS.

Delete All Folder	delete selected emails or empty inbox, outbox, outbox copy, and draft
Email Profile	1、Profile setting: set up transmit basic parameters, including Profile name, Data account, protocol, Check Interval, and Download Size 2、Outgoing server setup: set up outgoing server, including server address, outgoing port, Display name, E-mail Address,username, password etc. 3、Incoming server setup: set up receiving server, including server address, incoming port, username, password etc. 4、Signature: choose whether to use signature and edit it

4.5.4 Voice Mail Server

Voice mail is a network service. You can

first apply for this service. For more detailed information and voice mail number, please consult your service supplier.

1、Connect to voice: Dial voice mail number stored in your voice mail number function list. If you have two mobile phone numbers, you can have voice mail number for each mobile phone number respectively.

2、Voice Mail Number：Edit or delete your voice mail number, press confirmation to store this number.

Notes：

In idle mode, after voice mail number is set, press 1 key to call voice mail.

4.5.5 Broadcast Message

This network service allows you to receive text messages on various topics, such as the weather or traffic.

Options	Description
Receiving Mode	Allows you to enable or disable the reception of broadcast

	messages.
Read Message	Lets you view the received message.
Languages	Allows you to select your preferred language to display cell broadcast message
Channel Setting	allows you to indicate the channels from which you wish to receive broadcast messages. The following options are available. 1、Select：use to enable or disable channels in the list by marking or unmarking them respectively. A check mark displays in front of each selected channel. 2、Add: use to enter the ID and title for a new channel. 3、Edit: use to change the ID and title of an existing channel. 4、Delete: use to remove a

	channel from the list.

4.6 Entertainment
4.6.1 Camera
Your phone has a digital camera which also works as Video Recorder. You can take pictures, record video clips, save and view them and send them as email attachments.

1、While in standby, press left navigation key to activate the camera.

2、Press center navigation key to capture the scene.

3、After you take a picture, you can save or clear the picture by pressing the left/right soft key.

4、Press Power On/Off Key to deactivate the camera.

When you take pictures, you can press left soft key to enter following options:

Options	Description
Album	Enter album to View and edit the pictures

Camera Setting	Set Camera parameters, such as Shutter Sound, EV, Banding, Delay Timer, Cont Shot
Image Setting	Set the size and quality of the image
White Balance	Adjust the picture colour to the lighting conditions.
Scene Mode	Choose auto or night mode
Effect Setting	Select different effects for your picture
Add Frame	To add a frame to your picture
Storage	Select to save your pictures on your phone or in Memory Card
Restore Default	Reset the camera setting to default setting

4.6.2 Video Recorder

When playing the video, press up and down navigation key to adjust focus and right/left navigation key to adjust EV. when the video is activated, press OK Key to start record, press left soft key to view more options as followings:

Options	Description
To Play	Play saved video
CamCorder Setting	Set Video Recorder parameters, such as White Balance, LED Highlight, EV, Night Mode ,Banding.
Video Setting	Set video parameters, such as video quality, file size limit,rec timer limit, record Audio,Encode Forma
Effect Setting	Select different effects for your video
Storage	Select to save your pictures on your phone or in Memory Card

Restore Default	Reset the Video setting to default setting

4.6.3 Audio Player

The phone has a Audio player to play the music you have transferred or download to your phone.

Notes:

MP3 file should be saved under My Music file.

When you playing the music, the function of keys is as follows:

1、Up: Play
2、Down：Stop
3、Left: last Song
4、Right: Next Song
5、Left Soft Key：Enter Song list
6、Right Soft Key: Exit

In setting option, the following options can be selected:

Options	Description
Play List	Choose to play the songs saved on the Phone or in the Memory Card
List Auto Gen	Whether to add the song under Music File to Audio Player
Skin	Change the skin of player, three styles are available
Repeat	Whether to repeat the song playing or all the songs
Shuffle	Whether to play the playlist files in random order, or loop on to restart the playlist when the last file has been played
Background Play	Play the music as background music when you operate other function irrelative to sound
Equalizer	Change the setting of the treble and bass when playing music

4.6.4 Video Player

The phone has a Video player to play the video you have transferred or download to your phone.

Notes:

MP4 file should be saved under Video file. When you playing the video, the function of keys is as follows:

1、Up: Play/Pause
2、Down：Stop
3、Left：Back
4、Right：Forward
5、Left Soft Key: Play
6、Right Soft Key: Stop

Press "Option" to view the functions, such as play, forward, rename, delete, delete all files, sort and so on.

4.6.5 Image Viewer

Review and set your picture. You can rename, delete the pictures you have saved.

4.6.6 Image Editor

This function allows you to edit figure files by your own

Options	Description
Save	Save all drawn figures.
Save as	Save as some record.
Pen Setting	1、Pencil Size—1、2、4、8 Pixel 2、Pen Move Factor—1、2、4、8 times 3、Pen Color—Self-defined、Black、Brown、Dark Green、Dark Blue、Purple、Violet、Grey、Light Grey、Red、Green、Yellow、Blue、Pink、Light Blue、White
Fill Background	Self-defined、Black、Brown、Dark Green、Dark Blue、

	Purple、Violet、Grey、Light Grey、Red、Green、Yellow、Blue、Pink、Light Blue、White
Mark	Select the scope of drawing
Zoom	Zoom in or out the selected content.
Resize	Set up size of the figure.
Help	Direction of use

4.6.7 Photo Artist

Edit the picture saved on the phone or in Memory Card.

4.6.8 AB Repeater

1、Play a part of video， and 0-9 keys will displayed on the screen

2、Select the part you want to repeat through the 9 Keys

3、Return to the repeat mode, press keys to repeat any part you want.

4.6.9 Sound Recorder

Make the record of the sound. You can play, rename, delete, delete all files and set the recorder.

4.6.10 Melody Compose
Through this function you can make a melody by your own and set it as incoming melody.

4.6.11 Game
This mobile phone provides three built-in game : F1 Race, Color Balls, Doll, Puzzle.
  Game Setting:
  1、BGM：　Turn On/Off BGM
2、Sound Effect：　Turn on/off game sound.
3、Game Vibration：Turn on/off game vibration

4.6.12 Themes
The phone provides "Orange, Blue and Grey" themes for you to select.

4.7 Phone Book

You can store phone numbers and their corresponding names in the memory of your SIM card and your phone.

Storing a Number in Idle mode

As soon as you start to enter a number, Save appears above the left soft key to allow you to store the number in the phonebook..

When you choose to save the number to the phone, there will be 6 categories for you to choose: mobile phone number, home number, Company number, office number and Fax number. What's more, you can save other information of each linkman, including birthday, photo, ring selection, incoming call group (five group types are provided: family, friend, VIP, colleague and other) and film connection as your phone has functions to use name card holder type.

When you choose to save the number in the SIM Card，only the name.

4.7.1 Quick Search

Enter the initial of Pinyin or initial of English word at the position designated by cursor, i.e. go to first record that meet the condition in numerous numbers, such as look for surname "Zhang", enter "Z" into input area and can rapidly find it.

4.7.2 Search Entry

Input the name to be searched, then "search" in telephone directory, find the most matched record.

4.7.3 Add New Entry

To SIM card: one record can record the following items: name, telephone number; To mobile phone: one record can record the following items : name, telephone number, home telephone number, company name, E-mail, company telephone, fax number, birthday, photo, ring selection, incoming group, film connection.

Explanation:

If picture, ring, incoming call group, film connection are set in one record at the same

time, this incoming group function will be invalid.

4.7.4 Copy All
Copy SIM card or all record of mobile respectively.

4.7.5 Delete:
Delete all records on SIM card or mobile phone or delete one by one.

4.7.6 Caller group
Incoming ring, picture, film etc. have been set for 5 groups respectively; set up object through left and right direction.

4.7.8 Other number
Set up number of this mobile phone, service telephone and emergency telephone (among them service telephone and emergency telephone number need to be support by SIM card. For details, please consult network operator).

4.7.9 Setup
1、Capacity Inquiry: View the use situation of current telephone directory, including SIM card and mobile phone. Display format as: "capacity/total capacity already used"

2、Storage Location: Select path to store current numbers.

3、Name Card Setup: Select display items recorded in mobile phone telephone directory and add display items of record interface.

4、My Name Card: Edit or transfer my name card.

5、Telephone Directory Report Name: Report Chinese name and telephone number of call records.

4.7.10 Caller Picture

Photo setup for incoming call

4.7.11 Caller Ring Tone

Ringtone setup for incoming call

4.7.12 Caller Video

Movie tone setup for incoming call

4.7.13 Memory Status

This menu shous how many numbers are currently stored in the SIM Card, phone.

4.8 Organizer

4.8.1 Calendar

With the Calendar feature, you can:
~ Consult the calendar
~ Write task to keep track of your schedule
and trigger an alarm if necessary（See To Do
List）

Consulting the Calendar

When you select the Calendar menu
option ， the calendar displays. The following
options are available when you press the
Options soft key.

1、View Tasks: View the tasks you have set
2、Jump to Date: allows you to go to a specific
date.

4.8.3 To Do List

1、Select the required date and time in the
calendar, using the navigation keys
2、Press the Edit soft key.
An empty memo screen displays to allow you
to enter your memo.

3、Enter your task and then press the OK soft key

4、If you want an alarm to ring on the chosen day, using the navigation Keys.

5、You can set the repeat mode, such as once, everyday, day, weekly and monthly.

4.8.4 Alarm

This function allows you to set the alarm to ring at a specific time.System has set up 3 alarm clocks, default as power off, open on or all as needed. Ring time and ring date can be set up for each alarm clock.

When time of alarm clock arrives, mobile phone will utter prompt sound, time and date of that day will flash on the screen. Press "stop" to stop ring. If press "sleep", mobile phone will suspend to ring and will continue to ring after 4 minutes.

If time of alarm clock arrives and mobile phone has not been turned on, mobile phone will auto turn on and ring. If press stop, mobile phone will ask whether you need to turn it on. Press "No" to turn off mobile phone, press "Yes" to register on the network and turn it on.

4.8.5 Calculator

With this feature, you can use the phone as a calculator. The calculator provides the basic arithmetic functions: addition, subtraction, multiplication and division.

Using the Calculator

1、Enter the first number using the numeric keys.

2、Press the up navigation key and the required arithmetic symbol appears: + (addition), - (subtraction), x (multiplication), / (division).

3、Enter the second number.

4、To calculate the result, press the OK key.

4.8.6 World Clock

View current time of corresponding zone of various countries in the world through left

right key.

4.8.7 Stopwatch

You can use stopwatch to reckon time, and there are typical stopwatch and N-Way stopwatch for you to choose. When reckoning time, other functions of mobile phone can still be used normally. We

Typical Stopwatch:

1、Split Timing：Press "Start" to reckon time(measure time respectively) Press "stop" to stop reckoning time; press "Resume" to re-start reckon, new time will be accumulate over previous time; Press "Split" to record time respectively; press "Back", screen will display "save" dialog box, press "yes" to save time

2、Lap Timing： Press "start" to reckon time,. Press "stop" to stop reckoning time. For details, please refer to "reckon time respectively" above.

3、View Record：Mobile phone will display name list or final time list of time groups, from

which you can select the time group that you need to view. You can also carry out delete operation on saved records.

N-Way Stopwatch：

Press "upper, lower, left, right" Navigation keys to select corresponding stopwatch to reckon time.

4.8.8 Unit Converter

Using this menu option, you can make Weight and Length Unit conversions.

Weight Unit Converter

1、Use Left/Right Navigation Keys to transfer from Kg to Pound or Kg to Ounce.

2、Enter the amount for which you wish to conduct weight conversion in any item and press the OK soft key.

Length Unit Converter

1、Use Left/Right Navigation Keys to transfer from Kilometer to Mile or Mile to Yard.

2、Enter the amount for which you wish to

conduct length conversion in any item and press the OK soft key.

4.8.9 Currency Converter

Using this menu option, you can make currency conversions.

1、Enter the current exchange rate of your source currency and press the OK soft key.

2、Enter the amount for which you wish to conduct the currency conversion in local or foreign item and press the OK soft key.

4.9 Services
4.9.1 WAP

Your phone is equipped with a WAP Browser to allow you to access and navigate the Wireless Web via your phone.

This function is provided by network provider. The menu may vary depending on service provided by SIM card. If SIM card and network supplier do not support this service,

this function will be unavailable. For more information, please contact network supplier.

Options	Description
Homepage	Start up all the set websites in connection setup.
Bookmarks	List of the preset website
Recent Pages	List of previously visited sites
Enter Address	Enter the Web page address of a site you want to visit
Service Inbox	Mobile phone can receive the service messages sent by your service provider (For example, service message can be notice on relevant news abstract or a new web set.)
Setting	1、Edit Profile:select the profile

	you want to use
	2 、 Browse Option——Set waiting time and Whether display pictures when browse web page.
	3、Service Message——select to turn on or off to receive messages from service desk.
	4 、 Clear Cache: clear all temporary stored internet files saved in the phone
	5、Clear Cookies: Clear history record of browsed web pages
	6、Trusted Certificates：Trusted Certificates are used to verify the WAP gateway or the HTTP server that you are connecting to. Your phone may already contain trusted certificates when

	you buy it. You can also download new certificates using the browser.

Notes：

For relevant charge standard and detailed setup, please consult local network service operator.

4.9.2 Data Account

1、GSM Data

Use GSM data to provide the following account data, for example, Telcel HS
1)Account Name：Telcel HS
2)Number：*273
3)User Name：iescsd
4)Password：wap
5)Line Type：ISDN
6)Speed： 14.4 Kbps
7) DNS：148.223.151.240

2、GPRS

Use GSM data to provide the following account data，for example, GPRS Telcel

1)Account Name：GPRS Telcel
2)APN：wap.itelcel.com
3) User Name: iesgprs
4) Password
5) Auth.Type：Normal

5 Troubleshooting

Problems	Possible Reason
Can not turn on mobile phone	Whether battery has electricity Whether battery is placed properly.
SIM Card Error	SIM card is dirty，clean SIM card Re-install SIM Card SIM card has been damaged，change SIM card
Poor Signal	Check the indication mark of signal intensity on display screen, 5 cases of this sign represent strong signal, lower than 2 cases represent weak signal.
Mobile	1、You may set up to hide this

Phone Can Not Dial Out	mobile phone number, but your network operator does not provide this service; 2、There may be strong interference signal in ambient; 3、You may have activated call blocking function 4、You may have activated line 2, but your network operator does not provide this service;
Battery can not be charged	1、Maybe the battery has been over discharged and it can only be charged after connected to charger for some time; 2、Performance of battery has worsen;
Can not connect to internet	1、Signal is too weak or there is wireless interference in the ambient 2、Whether SIM card is installed properly，whether it has poor grounding or SIM card has been

	damaged. If SIM card has been damaged，please consult your network service provider
Photo taken is too dark	1、Too low luminance setup; 2、light of ambient is too dark;
Photo taken is out of focus	1、The object to be taken is in motion state; 2、when you Press shutter, mobile phone shakes slightly
Aberration in the photos taken	The object to be taken may be too close to lens

6 RF Exposure Information and Statement

The SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue. Device types HG-E30 (FCC ID: SG70701HG-E30) has also been tested against this SAR limit. The highest SAR value reported under this standard during product certification for use at the ear is 1.416 W/kg and when properly worn on the body is 0.421 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