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1 General Information

1.1 Profile

Please read this pamphlet carefully in order to make your phone in perfect condition.

Our company may change this mobile phone without prior written notice and reserves the final right to interpret the performance of this mobile phone.

Due to different software and network operators, display on your phone may be different, refer to your phone for details.

1.2 Safety Information

If your phone has lost or been stolen, notify the telecommunication office the SIM card is disabled (network support is required). This can avoid economic loss caused by unauthorized use.

Please take measures as following to avoid your phone being unauthorized use:

- Set PIN code of SIM card
- Set phone password

1.3 Safety warning and Attentions

Safety warning

> ROAD SAFETY COMES FIRST

Do not use a hand-held phone while driving. Use hands-free fittings when calls are unavoidable while driving. In some countries, dialing or receiving calls while driving is illegal!

> **SWITCH OFF IN AIRCRAFT**

Wireless devices can cause interference in aircraft. Using a mobile phone in flight is illegal and risky. Please make sure that your mobile phone is powered off in flight.

> **SWITCH OFF BEFORE ENTERING RISKY AREAS**

Strictly observe the relevant laws, codes, and regulations on the use of mobile phones in risky areas. Turn off your mobile phone before entering a place susceptible to explosion, such as an oil station, oil tank, chemical plant or a place where a blasting process is under way.

> **OBSERVE ALL SPECIAL REGULATIONS**

Follow any special regulations in force in any area such as hospitals and always switch off your phone whenever it is forbidden to use it or, when it may cause interference or danger. Properly use your mobile phone near medical apparatuses, such as pacemakers, hearing aids and some other electronic medical devices, as it may cause interference to such apparatuses.

> **INTERFERENCE**

The conversation quality of any mobile phone may be affected by radio interference. An antenna is built inside the mobile phone and located below the microphone. Do not touch the antenna area during a conversation, lest that the conversation quality deteriorate.

> **QUALIFIED SERVICE**

Only qualified personnel may install or repair phone equipment. Installing or repairing the mobile phone on your own may bring great danger and violates the warranty rules.

> **ACCESSORIES AND BATTERIES**

Use only approved accessories and batteries.

> **USE SENSIBLY**

Use only in a normal and proper manner.

➤ **EMERGENCY CALLS**

Ensure the phone is switched on and in service, enter the emergency number, e.g. 112, then press the Dial key. Give your location and state your situation briefly. Do not end the call until told to do so.

***Note:** Just like all other mobile phones, this mobile phone does not necessarily support all the features described in this manual due to network or radio transmission problems. Some networks even do not support the emergency call service. Therefore, do not rely solely on the mobile phone for critical communications such as first aid. Please consult the local network operator.*

Precautions

This mobile phone is well designed with fine art. Please exercise special care when using it. The following suggestions will help your mobile phone survive the warranty period and extend its service life:

- Keep the mobile phone and all its fittings beyond children's reach.
- Keep the mobile phone dry. Keep away from rain, moisture, liquid or other substances that may corrode electronic circuits.
- Do not use or store the mobile phone in dusty places, lest that active parts of the mobile phone be damaged.
- Do not store the mobile phone in a high-temperature place. High temperature will shorten the life of electronic circuits and damage the battery and some plastic parts.
- Do not store the mobile phone in a chilly place. Otherwise, moistures will be formed inside the mobile phone to damage electronic circuits when the mobile phone is moved to a constant temperature place.
- Do not throw, knock or shock the mobile phone, as that will destroy the internal circuits and high-precision components of the mobile phone.
- The operating temperature rang is 0°C~50°C

2 Your phone

2.1 Phone overview



2.2 Functions of Keys

The mobile phone provides the following keys:

- ◆ Dial key
Press it to originate a call by entering the called number or selecting a contact from the phonebook; or press it to receive an incoming call; or press it in standby state to show the latest call records.
- ◆ End key
Press it to end a call being dialed or end an ongoing call; or press it to exit the menu and return to the standby state; or hold it for two or three seconds to power on or off the mobile phone.
- ◆ Direction key
Press them to scroll the options when browsing a function list. In edit state, press direction keys to navigate. In standby interface, press direction keys to choose the applications which display on the screen.
- ◆ OK key
Press it to confirm a selection.
- ◆ Left and right soft key
In standby interface, press left soft key can enter the main menu interface, press right soft key can enter the phonebook interface. In submenu interface, the bottom line on the screen displays the functions of the Left and Right soft key.
- ◆ Delete key
Press it to delete a character before cursor.
- ◆ Linefeed

In edit interface, you can press this key to switch to another line.

◆ Shift key

In edit interface, you can press it to switch between input methods;

◆ Sym key

Press it in the edit interface to input a symbol.

◆ Space key

Press it in the edit interface to get a blank.

◆ Caps key

In edit interface, you can press it to switch between upper case and lower case;

◆ Alt key

In edit interface, press it to input an alternative symbol or number.

◆ Number keys and letters

Press number keys 0 through 9 in input or edit state to input numbers and characters; Press letter keys A through Z in input or edit state to input letters and characters;

2.3 Technical specifications

Phone

Dimensions (W×D×H):

Weight:

Lithium battery

Rated capacity:

Continuous standby duration: (Relates to network status)

Continuous conversation duration: (Relates to network status)

Please refer to their labels for other data related to the battery and the charger.

3 Getting started

3.1 Installing the SIM Cards and the Battery

An SIM card carries useful information, including your mobile phone number, PIN (Personal Identification Number), PIN2, PUK (PIN Unlocking Key), PUK2 (PIN2 Unlocking Key), IMSI (International Mobile Subscriber Identity), network information, contacts data, and short messages data.

Note:

After powering off your mobile phone, wait for a few seconds before removing or inserting an SIM card.

Exercise caution when operating an SIM card, as friction or bending will damage the SIM card.

Properly keep the mobile phone and its fittings such as the SIM cards beyond children's reach.

Installation

- ◆ Hold the End key for a while to power off the mobile phone
- ◆ Remove the back cover.
- ◆ Lift the battery away.
- ◆ Insert the SIM card into the SIM card slot lightly with the corner cutting of the card aligning to the notch of the slot and the gold plate of the card facing down, till the SIM card cannot be further pushed in.

- ◆ With the metallic contacts of the battery facing the metallic contacts in the battery slot, press the battery down until it locks into place.

Using code

The mobile phone and the SIM cards support sorts of passwords, in order to prevent the phone and the SIM cards from being misused. When you are prompted to input any of the codes mentioned below, just input the correct code and then press the OK key.

◆ **Phone lock code**

The phone lock code may be set to prevent your mobile phone from being misused. In general, this code is provided along with the mobile phone by the manufacturer. The initial phone lock code is set to 0000 by the manufacturer. If the phone lock code is set, you need to input the phone lock code when powering on the mobile phone.

◆ **PIN**

The PIN (Personal identification number, 4 to 8 digits) code prevents your SIM card from being used by unauthorized people. In general, the PIN is supplied with SIM card by the network operator. If PIN check is enabled, you need to input the PIN each time when you power on your mobile phone. The SIM card will be locked if you input wrong PIN code for three times.

Unlocking methods as follows:

- Input the correct PUK according to the screen tips to unlock the SIM card.
- Then input the new PIN and press the OK key.
- Input the new PIN again and then press the OK key.
- If the input PUK is correct, the SIM card will be unlocked and the PIN will be reset.

Note: The SIM card will be locked if you input wrong PIN code for three times. To unlock the SIM card,

you need to input the PUK. In general, the PUK can be obtained from the network operator.

◆ **PUK**

The PUK code (Personal Unlocking Key) is required to change a blocked PIN. It is supplied with SIM card. If not, contact your network operator. If you input wrong PUK code for 10 times, SIM card will be invalid. Please contact the network operator to replace the SIM card.

◆ **Barring code**

A barring code is required for setting the call barring function. You can obtain this code from the network operator to set the call barring function.

3.2 Installing memory Card

The memory card is a pluggable mobile storage card inside the mobile phone.

To install the memory card, open its latch, place its indented side downward, insert the card into the card slot, and then close the latch.

To remove the memory card, open its latch and slightly take the card out. And then close the latch.

Note:

1. The mobile phone cannot automatically identify the memory card being inserted when the mobile phone is powered on. You must power off the mobile phone and then power it on, so that the phone can identify the memory card.

2. The memory card is a miniature object. Keep it out of the reach of children for fear that children swallow it!

3.3 Charging the Battery

The lithium battery delivered with the mobile phone can be put into use immediately after being

unpacked. For this type of machine, some of them have dual battery function. A new battery will have maximum performance after the first three full charge/discharge cycles.

Battery level indication:

- ◆ Your mobile phone can monitor and display the battery state.
- ◆ Normally the remaining energy of the battery is indicated by the battery level icon at the upper right corner of the display screen.
- ◆ When the battery energy is insufficient, the mobile phone prompts "Battery low". If you have set an alert tone, an alert tone will be given off when the battery level is too low.
- ◆ A charging animation appears when the battery is being charged. When the charging is complete, the animation disappears.

Using a travel adapter:

- ◆ Install the battery into the mobile phone before charging the battery.
- ◆ Connect the adapter of the travel charger with the charging slot in the mobile phone. Ensure that the adapter is fully inserted.
- ◆ Insert the plug of the travel charger to an appropriate power outlet.
- ◆ During the charging, the battery level grids in the battery icon keep flickering till the battery is fully charged.
- ◆ It is normal of the battery to become hot during the charging period.
- ◆ The battery icon does no longer flicker when the charging process ends.

Note:

Ensure that the plug of the charger, the plug of the earphone, and the plug of the USB cable are inserted in the right direction. Inserting them in a wrong direction may cause charging failure or other problems.

Before the charging, ensure that the standard voltage and frequency of the local mains supply match the rated voltage and power of the travel charger.

Using the Battery

The performance of a battery is subject to multiple factors: radio network configuration, signal strength, ambient temperature, chosen functions or settings, phone fittings, and the voice, data or other application mode you choose to use.

To guarantee the optimal performance of your battery, please stick to the following rules:

- ◆ Use only the battery provided by the vendor. Otherwise, damages or even injuries could be caused during the charging.
- ◆ Power off the mobile phone before removing the battery.
- ◆ The charging process lasts a longer time for a new battery or a battery not in use for long. If the battery voltage is too low to enable the mobile phone to be powered on, charge the battery for a longer time. In this case, the battery icon does not flicker until a long time after the battery enters the charge status.
- ◆ During the charging, ensure the battery is placed in a room temperature environment or in an environment close to room temperature.
- ◆ Immediately stop using the battery if the battery produces odor, overheats, cracks, distorts or has other damage, or if the electrolyte leaks.
- ◆ The battery wears out with use. A longer charging time is required as the battery is put into use for a long time. If the total conversation duration decreases but the charging time increases even though the battery is properly charged, purchase a standard battery from the OEM or use a battery approved by our company. Using any poor-quality fittings will cause harm to your mobile phone or even incur danger!

Note: To guarantee your personal safety and protect the environment, do not litter the battery! Return the old battery to the mobile phone manufacturer or place it in specified battery reclamation areas. Do not litter any battery with other rubbish.

Warning: Short-circuits of the battery may cause explosion, fire, personal injury or other severe consequences!

3.4 Powering On/Off the Mobile Phone

Hold the End key for a while to power on the mobile phone. A power-on animation appears on the display screen.

Input the phone lock code and press the OK key if the mobile phone prompts you to input the phone lock code. The original code is 0000.

Input the PIN and press the OK key if the mobile phone prompts you to input the PIN. The PIN is provided by the network operator for new opening SIM card.

Enter the standby interface.

To power off the mobile phone, hold the End key for a while.

3.5 Linking to the Network

After the SIM card and the mobile phone are successfully unlocked, the mobile phone automatically searches for an available network. After finding a network, the mobile phone enters the standby state. When the mobile phone is registered in the network, the name of the network operator is displayed on the screen. Then you can dial or receive a call.

3.6 Dialing Calls

In the standby interface, press number keys to input the area code and the telephone number, and then press the Dial key to dial a call. To end the call, press the End key.

◆ **Dialing an international call**

Press the A/* key twice to input "+". Then input the country code, the area code and the telephone number. Finally, press the Dial key.

◆ **Dialing a call to a number in the phonebook**

Enter the phonebook and use the up or down direction keys to find the telephone number you want to call.

Press the Dial key. The mobile phone automatically dials the chosen telephone number.

◆ **Redialing the last number**

In the standby interface, press the dial key to show the all calls.

Press the up or down direction keys to select a number you want to dial and then press the Dial key.

◆ **Answering incoming calls**

Press the Left soft key twice or the Dial key to answer an incoming call.

Press the End key to end the current conversation.

To reject an incoming call, press the Right soft key twice or the End key.

Note: If the caller can be identified, the mobile phone will present the calling number. If the calling number exists in the phonebook, the mobile phone will present both the name and the phone number of the caller. If the caller cannot be identified, the mobile phone will present the calling number only. You can answer an incoming call when using a function list or browsing the phonebook.

3.7 Using the Headset

It would enter headset mode automatically when you insert headset to the slot. Make sure of inserting it at the bottom of the slot, or you can't use it normally.

4 Input method

This mobile phone provides multiple input methods, including English input, smart English input and numeric input method. You can use these input methods when editing the phonebook, short messages, files and greeting text.

4.1 Icons for Input Methods

After you enter an edit window such as a window for editing the phonebook or short messages, an icon is displayed to indicate the current input method:

Numeric input: "123"

English input: "ABC, Abc, abc"

Smart English input: "ES, Es, es"

4.2 To Shift Entry Methods

Press **shift** key to switch between input methods.

4.3 Numeric and English Input

You can input numbers with the numeric input method. Press a number key to input the corresponding number.

You can input letters with the English input method. Press a letter key to input the corresponding letter.

- ◆ To input a blank, press **Space**.
- ◆ To clear wrong inputs, press the **delete** key.

4.4 English input and numeric input:

The keyboards for English input and numeric input are defined in the following table:

Key	Character or Function	Remarks
Number key 1	W1	
Number key 2	E2	
Number key 3	R3	
Number key 4	S4	
Number key 5	D5	
Number key 6	F6	
Number key 7	Z7	
Number key 8	X8	
Number key 9	C9	
Number key 0	0	
* key	A*	

# key	Q#	
-------	----	--

English input:

- To input a blank, press **Space**.
- To clear wrong inputs, press the **delete** key.

4.5 Inserting a Symbol

Press the **sym** key to enter the **Select symbol** interface and select a symbol you want.

5 Using the Menu

5.1 Files

The phone provides a certain space for users to manage files and supports the memory card. You can use the file manager to conveniently manage various directories and files on the phone and the memory card.

Open

Choose **Files** to enter the root directory of the memory. The root directory will list the default folders, new folders and user files. When the mobile phone is powered on for the first time or when you have not changed the directory, the root directory contains the default folders only.

Format

You can use this function to format all the data in the memory. The system will re-create a default folder. The formatted data cannot be recovered. Therefore, think twice before using the formatting function.

5.2 Contacts

The mobile phone can store up to 500 telephone numbers. The number of telephone numbers that an SIM card can store depends on the storage capacity of the SIM card.

After selecting a telephone number in the phonebook, select **Options** to perform the following operations:

- ◆ **View:** View the content of the telephone number.
- ◆ **Send text message:** Sent text message to this number.
- ◆ **Send multimedia message:** Sent multimedia message to this number.
- ◆ **Call:** Call the selected number.
- ◆ **Edit:** Edit the telephone number and name.
- ◆ **Delete:** Delete the telephone number from the phonebook.
- ◆ **Copy:** Duplicate the telephone number to the mobile phone, the SIM card or the file.
- ◆ **Move:** Move the telephone number from a storage to other storage. For example, you can move the telephone number to the SIM1 or SIM 2 if it is stored in the mobile phone.
- ◆ **Send business card:** Select and send contacts information to other recipients via text message, multimedia message or Bluetooth.
- ◆ **Add to blacklist:** Add the selected number to blacklist.
- ◆ **Mark several:** Mark several phone numbers at a time so you can perform a same operation on them.
- ◆ **Caller groups:** You can assign contacts to caller groups. For each group, you can edit group name, set

caller ringtone and caller picture.

◆ **Phonebook settings:** To set some parameters of phonebook.

5.3 Games

Two games named F1 race and Snake are embedded in the phone. For specific operation, please refer to 'help' option of each game.

5.4 Call center

Call log

5.4.1.1 Missed Calls

You can view a list of the latest missed calls.

Note: When the mobile phone indicates that some calls are missed, you can select **View** to enter the missed calls list. Navigate to a missed call and then press the **Dial** key to dial the number that originated that call.

5.4.1.2 Dialed calls

You can view the latest dialed calls. Choose **Dialed calls** and then select a dialed call to view, call, delete, or edit before call (or send text message/multimedia message to it) etc.

5.4.1.3 Received calls

You can view the latest received calls. Choose **Received calls** and then select a received call to view, call, delete, or edit before call (or send text message/multimedia message to it) etc.

5.4.1.4 Delete call logs

You can delete the latest call records. Choose **Delete call logs** and then select to delete all the numbers in the call history, or delete only the numbers in the missed calls list, the dialed calls list or the received calls list.

5.4.1.5 Call timers

Choose **Call timers** to view the last call time, the total time of all dialed calls and the total time of all received calls, and/or to reset all the time.

5.4.1.6 Text msg. counter

Choose **Text msg. counter** to set the number of short messages sent and the number of short messages received.

Note: This function does not relate to the SIM card. The number of short messages sent and the number of short messages received do not change even after the SIM card is replaced.

5.4.1.7 GPRS counter

Access this menu to view the last sent/ received GPRS rate and all sent/received GPRS rate or to reset counter.

Call settings

- ◆ **Caller ID:** You can select the ID set by the network, hide the ID, or send the ID. By default, the ID set by the network is chosen.
- ◆ **Call waiting:** After you choose Activate, the mobile phone will contact the network. A moment later, the network will make a response and send a message to acknowledge your operation. If the call waiting function is activated, the network will alert you and the mobile phone screen will display the incoming call number if others are calling you while you are already in a conversation.
- ◆ **Call divert:** This network function enables you to forward incoming calls to another number you have previously specified.
- ◆ **Call barring:** The call barring function enables you to bar calls as needed. When setting this function,

you need to use a network barring code, which can be obtained from the network operator. If the code is wrong, an error message will be prompted on the screen. After selecting a call barring option, continue to select Activate or Deactivate. The mobile phone will prompt you to input the call barring code and then contact the network. A moment later, the network will make a response and send the operation results to the mobile phone.

- ◆ **Line switching:** Switch to Line 1 or Line 2. By default, Line 1 is used.

Note: If you choose Line 2, dialing may fail. This depends on the implementation of the network operator.

- ◆ **Group list:** This function requires network support. For details, consult the local network operator.

Note: SIM on service is required.

Advanced settings

- ◆ **Blacklist:** He or she can't call you if you set the blacklist status to on and add his or her number to blacklist.
- ◆ **Auto redial:** Set it to **On** or **Off** to enable or disable auto redial. If you set **Auto redial** to **On**, the mobile phone will automatically redial the number a moment later if the called party does not reply. In the auto redial period, you cannot dial other numbers. To end the auto redial process, press the **End** key.

Note: This function requires support from the network operator to which the SIM card is registered.

- ◆ **Call time display:** To display call time during a call.
- ◆ **Call time reminder:** To set single or periodic tone in a call to make you know the time.
- ◆ **Auto quick end:** This function enables you to end a call at a preset time.
- ◆ **Reject by SMS:** Reject an incoming call and reply the caller a short message to state that you are not available at this moment.
- ◆ **Connect notice:** Once this function is enabled, the phone would remind you when a call is connected.

◆ **Answer mode:** Select an answer mode as per your need.

5.5 Messages

If the short message memory is full, a blinking message icon appears on the top of the screen. To normally receive short messages, you need to delete some of the existing short messages.

Write message

Access this menu to create a text message or a multimedia message.

Inbox

Received messages are listed in this item.

Drafts

From the main menu select “**Messages**” to create text message. While writing a message, select “**Options**” to access all the messaging options. You can save your messages that you send often to “**Drafts**”.

Outbox

The messages which are sent failed are stored in the Outbox.

Sent messages

Sent messages are listed in this menu.

Delete messages

You can delete messages stored in Inbox, Outbox, Drafts, etc through this function.

Broadcast messages

This network service enables you to receive a variety of text messages, such as broadcast messages about weather forecast or road conditions. At present, few networks provide this service. Please consult the network operator.

- ◆ **Receive mode:** Set it to **On** to enable or **Off** to disable cell broadcast service.
- ◆ **Channel settings:** Select receiving some types of cell broadcast messages or edit/delete some channel numbers.
- ◆ **Languages:** Select the language in which cell broadcast messages are displayed. The selected language, however, may not be supported by the network operator.
- ◆ **Read messages:** View cell broadcast messages.

Message settings

This function enables you to set the default features about the text message, multimedia message and service message.

5.6 Multimedia

Camera

The phone is provided with a camera, which supports the photographing functions. Roll the phone to align the camera to the picture and then press OK key to capture photos. In the capture interface, you can press left or right direction key to tune exposure value; up or down direction key to zoom in and zoom out.

Image viewer

You can view the pictures or images through this function.

Video recorder

This function enables you to record dynamic pictures. In the capture interface, press left or right direction key to tune exposure value; up or down direction key to zoom in and zoom out, OK key to capture videos clip.

Video player

Use this function to play video files. By pressing the direction key can you control the playing process of video player: play/pause (OK key) , fast forward (press and hold right direction key) and rewind (press and hold left direction key). In video player interface, you can press I/- or O/+ key to tune volume.

Music

Use this function to play audio files. By pressing the direction key can you control the playing process of audio player: play/pause (up direction key) , switch to last song/next song (press left or right direction key) , fast forward (press and hold right direction key) and rewind (press and hold left direction key), stop (down direction key), play list(OK key). In audio player interface, you can press I/- or O/+ key to tune volume.

Sound recorder

The phone support WAV and AMR. The AMR takes the compression algorithm. So in the same memory condition, it has longer recording time than WAV.

FM radio

You can use the application as a traditional FM radio with automatic tuning and saved channels. In FM radio interface, you can press left or right direction key to search channels manually, down direction key to play/pause the playing process of the current channel, up direction key to enable auto search (once this is enabled, you can press left or right direction key to search channels automatically). You can press I/- or O/+ key to tune volume.

5.7 Agenda

Bluetooth

You can transfer data, such as music to other device using Bluetooth. Search the device and accept/transfer data. The received data is automatically stored in the directory.

- Power: To activate or deactivate Bluetooth as needed.
- Visibility: Other devices can search your Bluetooth if you turn on this function.
- My device: Search new devices automatically.
- Search audio device: To inquiry audio devices automatically.
- My name: Set your Bluetooth name.
- Advanced: Some advanced settings.

Calendar

Once you enter this menu, there is a monthly-view calendar for you to keep track of important appointments, etc. Days with events entered will be marked.

Tasks

This function enables you to create new memos, which you can view, add, edit, search, delete, delete overdue task, delete all, jump to date, and view uncompleted. If you have set the alarm for the memo, alarm will sound when time is up, the content of memo will display at the same time.

Alarm

Five alarm clocks are set but deactivated by default. You can activate one, multiple or all of them as needed. For each alarm clock, the ringing date and the ringing time can be set.

World clock

Access this menu to view time of main cities in various time zones.

Calculator

The calculator can add, subtract, multiply and divide. To use the calculator:

- ◆ Press the up, down, left, right and OK key to select +, -, ×, ÷, = respectively.
- ◆ Press right soft key to delete the figure.

Note: This calculator provides limited precision and is only applicable to simple arithmetic calculation.

Ebook reader

Ebook reader enables you to read TXT file. Through the USB connecting line putting files to Ebook folder of phone or memory card. After finishing downloading, you can find the folder and open the Ebook to read text directly.

Stopwatch

Stopwatch is simple application for measuring time with possibility to register several results and suspend/resume measurement.

5.8 Settings

Dual SIM switch

Manually selected by user and **automatically decided by SIM cards** are available for you to choose. You can select one of them as per your needs.

Dual SIM settings

Dual-SIM refers to two SIM card slots, and the two cards can standby at the same time or set one of them to display on the idle screen.

Phone settings

- ◆ **Time and date:** set the time zone, time/data, format or update the time and date with time zone.
Note: If you remove the battery from the mobile phone or if the battery energy was exhausted a long time ago, you may need to reset the date and time when re-inserting the battery or powering on the mobile phone after recharging.
- ◆ **Schedule power on/off:** Set the time when the mobile phone will be automatically powered on or off.
Alert: Before entering an area where the use of mobile phones is forbidden, make sure that the scheduled power-on function is deactivated to avoid accidents.
- ◆ **Language:** Select the display language for the mobile phone.

- ◆ **Pref. input method:** Select an input method as preferred input method as per your need.
- ◆ **Display:** Users can access this item to set wallpaper, screen saver and LCD backlight etc.
- ◆ **Auto update time:** Turn on/off this function as per your need.
- ◆ **Flight mode:** when this function is engaged, it will suspend many of the device's signal transmitting functions – thereby disabling the device's capacity to place or receive calls or text messages– while still permitting use of other functions that do not require signal transmission (e.g., games, built-in camera, MP3 player.)

Network settings

Contact the network operator to obtain the following network services:

- ◆ **Network selection:** Set Network selection mode to Automatic or Manual. Automatic is recommended. When Network selection mode is set to Automatic, the mobile phone will prefer the network where the SIM card is registered. When Network selection mode is set to Manual, you need to select the network operator's network where the SIM card is registered.
- ◆ **Preferences:** Select the preferred networks. By default, the network where the current SIM card is registered will be displayed.

Security settings

This function provides you with related settings about safety use

- ◆ **SIM security**
- **PIN lock:** To activate PIN lock, you need to input the correct PIN code. If you set PIN lock to On, you need to input the PIN each time you power on the mobile phone. In the case you input a wrong PIN for three consecutive times, you need to input the PIN Unblocking Key (PUK). The PUK is used to unlock

and change the locked PIN. To obtain the PUK, contact the network operator.

- **Change PIN:** To change PIN code of SIM card.
- **Change PIN2:** To change PIN2 code of SIM card.
- ◆ **Phone security**
- **Phone lock:** The function enables you to lock/unlock the phone. Once this function is enabled, correct password is required when the phone is locked. The password is 4 to 8 digits.
- **Change password:** to change phone password.
- ◆ **Auto keypad lock:** The function enables you to lock/unlock the keypad. Setting the auto locking time that 5s, 30s, 1min or 5mins is available. The keypad will be auto locked with no operation during the period.

Data account

Access this item to set data account related parameters.

Restore factory settings

Use this function to restore factory settings. The preset password is 0000.

5.9 User profiles

The mobile phone provides multiple user profiles, so that you can customize some settings to adapt to the specific events and environments.

Customize the user profiles according to your preference and then activate the user profiles. The user profiles fall into five scenarios: **General**, **Silent**, **Meeting**, **Outdoor** and **My style**.

When you insert an earpiece to the mobile phone, the mobile phone automatically enters the Headset mode.

There is no option for activating the Headset mode on the screen. For details on operation, refer to **General**.

Activate

Select **Activate** to activate the selected mode.

Customize

After choosing one of the above five modes, select **Customize** to edit the following items: Alert type, Ring type, incoming call ringtone, ringtone volume, message ringtone, keypad tone, power on/off tone, etc.

Reset

Use this function to restore factory settings of user profile.

5.10 Social networking

MSN

Log on MSN through this access.

Facebook

Log on Facebook through a web page.

Twitter

Log on Twitter through a web page.

Orkut

Log on Orkut through a web page.

5.11 Services

Internet service

This function enables you to view the internet. Your phone will ask you with existed way. You can start to view only by starting corresponding way.

- ◆ **Homepage:** indicates the default website of the internet;
- ◆ **Bookmarks:** used to save most commonly-used websites;
- ◆ **Input address:** input the website to be searched and press finish button to access to the network directly;
- ◆ **Recent pages:** browse the record of the recently browsed web pages;
- ◆ **Settings:** set up WAP-related service.

Note: Consulting the local network operator for related fee and specific setup.

STK

STK service is the tool kit of SIM card. This phone supports the service function .The specific items are depended by SIM card and network. Service menu will be auto added to the phone menu when supported by network and SIM card.

5.12 TV

You are able to access this menu to watch mobile TV programs. Before you watch TV programs, you'd better select the right area. Then you can search available channels and select channel to play. In TV player interface, you can press * key to start auto search; press # key to switch to full screen play; press I/- or O/+ key to tune volume.

6 Appendix

Appendix 1: Troubleshooting

If you find exceptions when operating the mobile phone, restore the factory settings and then refer to the following table to solve the problem. If the problem persists, contact the distributor or service provider.

Fault	Cause	Solution
SIM card error	The SIM card is damaged.	Contact your network service provider
	The SIM card is not in position.	Check the SIM card
	The metal face of the SIM card is polluted.	Clean the SIM card with a clean cloth

Poor received signal quality	<p>Signals are obstructed. For instance, radio waves cannot be effectively transmitted nearby a high building or in a basement.</p>	<p>Move to a place where signals can be effectively transmitted</p>
	<p>Line congestions occur when you use the mobile phone in high-traffic hours</p>	<p>Avoid using the mobile phone in high-traffic hours</p>

The mobile phone cannot be powered on	The battery energy is exhausted.	Charge the battery
Calls cannot be dialed	Call barring is activated	Cancel call barring
The mobile phone cannot connect the network	The SIM card is invalid	Contact your network service provider

	The mobile phone is not in a service area of the GSM network	Move to the network operator's service area
	The signal is weak	Move to a place where the signal quality is high
The battery cannot be charged	The charging voltage does not match the voltage range indicated on the charger	Ensure the charging voltage matches the voltage range indicated on the charger
	An improper charger is used	Use the charger specially designed for the mobile phone
	Poor contact	Ensure the charger plug is in good contact with the mobile phone

7 FCC Regulations:

● This mobile phone 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.

● This mobile phone 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 radiated 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.

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

operate the equipment.

▶ **RF Exposure Information (SAR)**

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

This phone is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.

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

The highest SAR value for the model phone as reported to the FCC when tested for use at the ear is 1.26 W/kg and when worn on the body, as described in this user guide, is 0.798 W/kg (Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements.)

While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of www.fcc.gov/oet/ea/fccid after searching on FCC ID: WVBA515S.

For body worn operation, this phone has been tested and meets the FCC RF exposure guidelines for use with an accessory that contains no metal and the positions the handset a minimum of **1.5 cm** from the body. Use of other accessories may not ensure compliance with FCC RF exposure guidelines. If you do not use a body-worn accessory and are not holding the phone at the ear, position the handset a minimum of **1.5 cm** from your body when the phone is switched on.