

Avvio SN53

User Manual

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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.

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.

◆ Left and right soft key

The bottom line on the screen displays the functions of the Left and Right soft key.

◆ Direction key

Press them to scroll the options when browsing a function list. In edit state, press direction keys to

navigate.

◆ OK key

Press it to confirm your selection.

◆ Delete key

Press it to delete a character before cursor.

◆ Linefeed

This key helps to switch to another line when the interface is in the edit interface.

◆ Shift key

Press this key to switch between input methods.

◆ Space key

Press it in the edit interface to get a blank.

◆ Sym key

Press it in the edit interface to input a symbol.

◆ Alt key

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

◆ **Number keys, letters**

Press number keys or letter keys to in input or edit state to input numbers or letters;

2.3 Technical specifications

Phone

Dimensions (W×D×H):105×58×12.3

Weight:116g

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
- ◆ Push the back cover above the battery and remove it.
- ◆ Pull the left battery buckle outward and then 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 downward, 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. If you input a wrong code, press the Right soft key to clear it and then input the correct code.

◆ **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 T-Flash Card

The T-Flash card is a pluggable mobile storage card inside the mobile phone.

To install the T-Flash card, place its indented side downward, insert the card into the card slot.

To remove the T-flash card, take the card out.

Note:

1. The mobile phone cannot automatically identify the T-flash 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 T-Flash card.

2. The T-Flash 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.

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

Press the End key to end the current conversation.

To reject an incoming call, press the End key or the Right soft 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 two input methods, including English input and numeric input. 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, short messages or the memorandum, an icon is displayed to indicate the current input method:

Numeric input: “123”

English input in upper case: “ABC”

English input in lower case: “abc”

4.2 To Shift Entry Methods

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

4.3 Numeric Input

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

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 File manager

The phone provides a certain space for users to manage files and supports the T-Flash card. The capacity of the T-Flash card is selectable. You can use the file manager to conveniently manage various directories and files on the phone and the T-Flash card.

Open

Choose **File manager** 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 Phonebook

The mobile phone can store up to 300 telephone numbers. The number of telephone numbers that an SIM card can store depends on the storage capacity of the SIM card. The telephone numbers stored in the mobile phone and in the SIM cards form a phonebook.

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

◆ **View:** View the content of the telephone number.

- ◆ **Sent text message:** sent text message to this number.
- ◆ **Sent multimedia message:** sent multimedia message to this number.
- ◆ **Call:** call the current number.
- ◆ **Edit:** Edit the telephone number and name.
- ◆ **Delete:** Delete the telephone number from the phonebook.
- ◆ **Copy:** Duplicate the telephone number from the mobile phone to the SIM card or from the SIM card to the mobile phone.
- ◆ **Move:** Move the telephone number to the SIM card if it is stored in the mobile phone or to the mobile phone if it is stored in the SIM card.
- ◆ **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 that you can perform a same operation on them.
- ◆ **Caller groups:** You can assign contacts to the five default caller groups. For each group, you can edit group name, set caller alert, call ringtone and caller picture.
- ◆ **Phonebook setting:** To set some parameters of phonebook.

5.3 Fun & Games

Games

One game named F1 race is embedded in this menu. For specific operation, please refer to ‘help’ option of the game.

Java

- ◆ **Java** is a folder where downloaded games and applications are stored.
- ◆ **Java settings:** You can set the java audio(1-7 or off), Java backlight(on/off), Java vibration(on/off), Select SIM(1/2), Java SIM1 Profile, Java SIM2 Profile, Heap size.
- ◆ **Java default security:** Set Java default security related parameters as needed.

5.4 Call center

Call history

Through this function, you can view a list of missed calls, dialed call and received calls.

Call Setting

- ◆ **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.

Note: *This function relates to the network. If you select Hide ID, dialing may fail.* Therefore, make sure that calls can be normally dialed before you choose Hide ID.

- ◆ **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 diverts:** 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.

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

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

◆ **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. The number of auto redial times can be set to a maximum of 10. 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 or not in a call.

◆ **Call time reminder:** To set single or circle 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 vibrate to remind you when a call is connected.

◆ **Answer mode:** Set answer mode as per your need.

5.5 Messaging

If the short message memory is full, a blinking SMS 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 menu.

Drafts

From the main menu select “**Messages**” to create text message. You can type a message, and you're also able to insert a pre-defined message from “**Templates**”. 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.

Email

*Inbox: New email you've received.

*Outbox: The email you've sent.

*Sent: The message you've sent to others.

*Drafts: The Emails you haven't finished were stored there.

*Write Email: Write an email.

*Email account: You can activate the Email account reserved in the phone or add new account.

Broadcast Message

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 message:** View cell broadcast messages. You can press the **Up** and **Down** direction keys to view these messages.

Templates

Ten text templates are embedded in the phone. They can be used to create a new message.

Message Settings

This function enables you to set the default features about the SMS, MMS 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, press * key to switch to full screen play; you can press I/-

or O/+ key to tune volume.

Audio Player

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 Organizer

WLAN

Access the WLAN function on your phone. From there, activate WLAN to find wireless networks. Click the wireless network that displays the strongest signal. If you try to access a secured connection, you

will be prompted to enter a password.

Once connected, open your mobile web browser. You can now surf the Internet through your cell phone.

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

Choosing date, call or anniversary to create new memo, which you can view, add, edit, delete, delete overdue task, delete all, jump to date, send route and saved as file. 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 and right key to select $+$, $-$, \times , \div , $=$ respectively.
- ◆ Press right soft key to delete the figure.

E-book reader

E-book reader enables you to read TXT file. Through the USB connecting line putting files to E-book folder of phone or T-Flash card. After finishing downloading, you can find the folder and open the E-book 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

Triple 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.

Triple SIM Settings

Tri-SIM refers to three SIM card slots, and the three 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 date format, the time format, and detail time of the location.

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, power on/off display, etc.

◆ **Sound effects:** Access this menu to select audio effects as per your needs.

◆ **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.
- ◆ **Preferred networks:** Select the preferred networks. By default, the network where the current SIM card is registered will be displayed.
- ◆ **Preferred mode:** GSM only, WLAN only, GSM preferred, WLAN preferred are available for you to choose. Select one of them as per your need.

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 Unlocking 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 PIN code.
- ◆ **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.
- ◆ **Encoding:** Show a list of certificates.
- ◆ **Certificate manager:** Show a list of certificates.

Restore Factory Settings

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

Data account

Access this interface to set GPRS parameter.

5.9 User profile

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**. If you set **Headset > Customize > Answer mode** to **Auto**, incoming calls will be automatically answered.

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 Java.

Twitter

Log on Twitter through a web page.

Orkut

Log on Orkut through a web page.

5.11 Services

Opera mini

Log on Opera mini through this access.

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
- ◆ **Last web address:** You can view your last visited web address through this function.
- ◆ **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.

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

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.

FCC Note:

Caution: Changes or modifications not expressly approved by the party responsible for compliance could

void the user's authority to operate the equipment.

8 RF Exposure Information (SAR)

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 United States.

During SAR testing, this device was set to transmit at its highest certified power level in all tested frequency bands, and placed in positions that simulate RF exposure in usage against the head with no separation, and near the body with the separation of 10 mm. Although the SAR is determined at the highest certified power level, the actual SAR level of the device 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 antenna, the lower the power output.

The exposure standard for wireless devices employing a unit of measurement is known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg.

This device is complied with SAR for general population /uncontrolled exposure limits in ANSI/IEEE C95.1-1992 and had been tested in accordance with the measurement methods and procedures specified in IEEE1528. This device has been tested and meets the FCC RF exposure guidelines when tested with the device directly contacted to the body.

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: WVBSN53.

For this device, the highest reported SAR value for usage against the head is 0.21 W/kg, for usage near the body is 0.81 W/kg.

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

SAR compliance for body-worn operation is based on a separation distance of 10 mm between the unit and the human body. Carry this device at least 10 mm away from your body to ensure RF exposure level compliant or lower to the reported level. To support body-worn operation, choose the belt clips or holsters, which do not contain metallic components, to maintain a separation of 10 mm between this device and your body.

RF exposure compliance with any body-worn accessory, which contains metal, was not tested and certified, and use such body-worn accessory should be avoided.