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1.Safety and Precautions

Switch off the phone in the vicinity of chemical plants, gas stations and other locations containing explosive objects.

Keep the phone far away from children.

When driving, please use the hands free calling device to ensure safety. Please park the car at roadside for communication unless in emergency.

Switch off the phone when boarding on plane and do not switch on the phone during the flight.

Be careful when using the mobile phone in the vicinity of such devices as pacemakers, hearing aids and other electro-medical equipments, which may be interfered by the mobile phone.

Never attempt to disassemble the phone by yourself. Contact the supplier in case of any trouble with your mobile phone.

Do not recharge the phone without battery being installed.

Charge the phone in well-ventilated environment, and keep away from inflammable and high explosive articles.

To avoid demagnetization, keep the handset away from magnetic substances, such as magnetic discs or credit cards.

Ensure to keep the phone away from liquid. Once soak or erosion happens, take the battery off and contact the supplier.

Avoid using the phone in too high or too low temperature environments. Never leave the phone exposed under direct sunlight or in high humidity or dusty environment.

Do not use liquid or damp cloth with strong detergents to clean the handset.

This phone has photographing, video shooting and audio recording function. Please observe relevant laws and regulations regarding the use of such functions. Unauthorized photographing, video shooting and audio recording may contravene these laws and regulations.

Our company will not take any responsibility for any

loss caused by non-recording, deletion or damage of photo, video and audio due to its accessories or software during the use of photographing, video shooting and audio recording function.

Photo, video and audio recorded by improper use of photographing, video shooting and audio recording function may violate the rights of copyright holder.

Note: This user manual is the operating instructions based on English operating mode. The operating procedure may be slightly different under other language mode.

Warning: The original factory will not take any responsibility in case of noncompliance with the above advices or improper use of the phone.

Attention: Please send used li-ion batteries to specified locations or return them to our company. Do not dispose of the batteries into dustbins.

2. Phone layout



This handset has totally 27 keys on the keypad. It has 262K color screen, built-in vibrating motor and a charging/data transmission interface.



3. Getting started

What is the SIM card?

When registering your mobile phone number, you will have a SIM card (Subscriber Identity Module) provided by the network supplier.

With the SIM card, which stores many parameters required for communication, you can use the various functions of the phone and store personal information, including PIN (Personal Identification Number), phonebook, message and other additional system services. Please handle the SIM card with care, twisting or pressing it may cause damage. If it is lost, please contact your network operator immediately for help.

Note: The SIM card is liable to damage and shall be kept away from children.

Installing your SIM card

Switch off your phone before installing the SIM card. To install the SIM card at the back of the phone, follow the steps below:

1. Turn the phone over to the back and remove the battery by pushing up the battery latch.
2. With the metal contacts of the SIM card downward and the unfilled corner against the one within the groove, put the card into the groove gently and push it down until it doesn't move.
3. Insert the bottom of the battery into the fastening groove of the phone, and push it down until the top latch of the battery is locked..

PIN1

It is Personal Identification Number used to access your SIM card. If PIN1 protection function has been enabled, the screen will display “Enter PIN:” when switched on.

You can get PIN1 code while obtaining the SIM card from

your network supplier, which usually has 4 digits. During input of PIN1 code, the screen will display “*” to substitute the inputted content.

PIN2

It is a Personal Identification Number required when using specific functions provided by the network, such as charge information etc.

<Warning>: If you input a wrong PIN1 for three consecutive times, the SIM card will be locked. Please contact your network operator immediately for decoding. Attempting to decode by yourself may result in the SIM card's permanent failure.

Charging your battery

Your device is powered by a rechargeable battery. The full performance of a new battery is achieved only after two or three complete charge and discharge cycles. The battery can be charged and discharged hundreds of times but it will eventually wear out. When the talk and standby times are noticeably shorter than normal, replace the battery. Uses only approved batteries, and recharge your battery only with

approved chargers designated for this device.

If a replacement battery is being used for the first time or if the battery has not been used for a prolonged period, it may be necessary to connect the charger and then disconnect and reconnect it to begin charging the battery.

Unplug the charger from the electrical plug and the device when not in use. Do not leave a fully charged battery connected to a charger, since overcharging may shorten its lifetime. If left unused, a fully charged battery will lose its charge over time.

If the battery is completely discharged, it may take a few minutes before the charging indicator appears on the display or before any calls can be made.

Use the battery only for its intended purpose. Never use any charger or battery that is damaged.

Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object such as a coin, clip, or pen causes direct connection of the positive (+) and negative (-) terminals of the battery. (These look like metal strips on the

battery.) This might happen, for example, when you carry a spare battery in your pocket or purse. Short-circuiting the terminals may damage the battery or the connecting object. Leaving the battery in hot or cold places, such as in a closed car in summer or winter conditions, will reduce the capacity and lifetime of the battery. Always try to keep the battery between 15°C and 25°C (59°F and 77°F). A device with a hot or cold battery may not work temporarily, even when the battery is fully charged. Battery performance is particularly limited in temperatures well below freezing.

Do not dispose of batteries in a fire as they may explode. Batteries may also explode if damaged. Dispose of batteries according to local regulations. Please recycle when possible. Do not dispose as household waste.

Battery type	Standby time	Call duration
Li-ion battery	XXX hours	XXX minutes

Note: Actual operation time of the battery varies according to operation mode, network settings and call settings.

Procedure for battery charging

Connect the charger to a main socket, and insert the charging plug into the left-side socket of the phone in proper direction.

The phone will display "Charger Connected!" and start charging after properly connected. The battery icon will display the charging process dynamically.

Under switch-off state, the phone will display the charging process dynamically.

When fully charged, charging process stops automatically, and the battery icon indicates full grid on the screen. After the battery is fully charged, please unplug the phone as soon as possible and take off the charging plug.

Note:

1. After the phone has run out of battery, we recommend you recharge in time. If you did not recharge in two days, the phone may enter into slow charging mode when you recharge the battery and there will be no display temporarily. After about 10 minutes, the charging indicator icon will be displayed on the screen of the phone.

If it's more than two days, the battery may enter into overdischarge protection state and at this time in order to get the battery into normal charging mode quickly, we recommend you charge the battery on an adapter and activate the battery for charging. Then charge the battery with the phone. Alternatively, you can charge the battery with the adapter separately.

2. To ensure safety, neither change the parts and accessories of the battery by yourself nor take off the battery shell.

3. We suggest you only use the original battery supplied with your phone by our company to avoid any damage to your phone.

4. The temperature range for charging the phone is 0 -40 . Do not charge the battery in too high or too low temperature.

5. When charging, Please don't use the mobile phone, keep the handset away from charger before you using it.

6. Please don't keep charging a long time; pull out the charger quickly after the battery is fully charged.

4. Brief introduction

Communication control keys

Calling key is used to make a call (after a number has been entered or selected from the phonebook), and also to answer an incoming call. Under standby state, press the key to display recent dialed calls.

Ending key is used to end a call (under calling or conversation state) , or to quit the menu and return to standby state. Pressing and holding the key for about 2 seconds can switch on/off the phone.

Direction keys and soft keys

Access the "Settings/Phone Settings/Dedicated key" menu, you can set direction keys. Under standby interface, press the left soft key to access the main menu, and at this time the four direction keys are used for moving the selection box to select function menu. Press the right soft key to directly access the phonebook. During menu operation, functions of the left and right soft key are displayed at the bottom line of the screen and they are closely related to the current state of the phone.

Numeric keys

Numeric keys from 0 to 9 and symbol keys * and # are used for dialing, inputting password, English letters, symbols etc.

They can be also used to select menus.

For an international call, pressing and holding "0" key for more than two seconds under standby state can input "+" symbol.

Pressing and holding "#" key for more than two seconds under standby state can enable mute function, and pressing and holding this key for another two seconds can resume the previous mode.


Pressing and holding any numeric key from 2 to 9 for more than two seconds can quickly dial the speed-dialing number set by the user (You may customize such shortcut key in the speed dialing setting in access the "Settings/Phone Settings/Quick dial" menu).


Multimedia keys


When playing mp3 in music player state, multimedia key is used for stop, pause, forward and next.

Icons displayed on the main screen

The first line of the screen may display the following icons:

 Antenna and signal reception strength

 Battery indicator


 Alarm clock enabled

 SMS prompt

 MMS prompt


 Missed call(s)


 GPRS prompt

 Bluetooth prompt

1 Line 1

2 Line 2

 Ring Icon at this place varies according to prompt tone type and can be one of the following three icons:

 Vibration and ring



Vibration only



Vibration then ring

Language and input method

The phone provides English input method. For specific operations please refer to the chapter relevant to input methods, where you can know in details the usage of various input methods and how to switch between input methods.

Incoming call prompt mode

The phone has built-in vibrating motor and buzzer and can provide the following four modes of incoming call prompt:



Ring.



Vibration only.



Vibration and ring.



Vibration then ring.

Group

Groups in the phone are divided into friends, family, VIP,

Business, others etc. User may set different incoming call ring tones and incoming call images for different groups.

Terminology

【Domestic call】

Please first input the area code and then the phone number to be dialed out.

【International call】

Hold down "0" key until "+" appears, and input the country code, area code and phone number.

【Emergency call】

You can make an emergency call for help whether or not there is a SIM (Subscriber Identity Module) card in the phone.

【IMEI】

International Mobile Equipment Identification code. After switching off the phone and taking off the battery, you can see the bar code label with this code at the back of the phone. The code stored in the phone can be displayed by inputting " *#06# " under standby state after the phone is switched on. All brands of mobile phone worldwide must

be printed with this identification code, and the IMEI code for each phone is globally unique without repetition with another.

5. Basic operation

Switching on

The phone can be switched on (or off) by pressing and holding the ending key. It will automatically search the network if the SIM card and the phone have no password protection. After the phone is registered in the network, the network's name will be displayed on the screen. And now you can make or answer a call.

Your phone remains in a searching state if it fails to find the available network system temporarily.

If the screen displays “Insert SIM Card” after it is switched on, please switch the phone off by pressing and holding the ending key, and check whether your SIM card is properly installed.

If a password or PIN code for the phone is required after it is switched on, please input the correct one, and “*” will be displayed on the screen as the content during the entry. Then press the left soft key for confirmation. After

unlocked, the phone will display the name of the registered network and the signal strength.

Please contact your network supplier if you do not know the PIN code.

The default password of the phone is “0000”.

Switching off

To switch off the phone, please press and hold the ending key and after the switch-off animation is displayed on the screen, the phone will be switched off. Please do not attempt to switch off the phone by directly taking out the battery, which may result in memory loss for the information not stored in the phone or the SIM card.

T-Flash card

T-Flash card is a kind of multimedia memory card. You can connect the phone to a computer via the USB cable to copy and movie files in the T-Flash card and the computer. You can also browse photo, audio and video files stored in the phone or T-Flash card via the computer. Operation method for the USB cable is to insert one end of the USB cable into the USB interface on PC and connect the other end to the “charging/data transmission interface” at the bottom side of the phone.

Operation method for network video recorder or charging via USB cable

It is supported about charging via USB. You can connect between the phone and computer via USB cable. Start charging after properly connected. The battery icon will display the charging process dynamically.

Switch on the phone, select “Web cam” after connection between the phone and computer via USB cable. So you can begin a video chatting. It is available on Windows XP operating system. Driver is needed on Windows 2000 operating system. You can find and install the driver in attached disk.

Making a call

To make an international call, use " + " to substitute " 00 " , input a complete number, and press the calling key to make the call.



The right soft key is used to delete the last digit of the number. Pressing and holding it for a while will clear all the entry. After a call is established, the call meter can be seen on the screen. If a call is not established, possible reasons



might be:

- ◆ “Line Busy” means the recipient is busy or there is no available line in the network. If auto redial function is enabled, the phone will redial automatically.
- ◆ “Rejected” means this call is barred, for example, when call barring function is enabled.

If the number dialed is stored in the phone, the name corresponding to this number will be displayed on the screen.

To end a call, you can press the ending key or right soft key.

You can also make a call via touch screen. Click  icon, display emulation keyboard. Input a complete number by click numeric key and click  icon or press the calling key to make a call.

You can adjust earpiece volume during a call. Press  or  to increase earpiece volume or decrease earpiece volume.

Answering a call

When a call is incoming, it is prompted by a ring, vibration Only, vibration and ring , vibration Then ring or caller image according to the handset's settings.

- ◆ Press the calling key to answer a call.
- ◆ Press the ending key to reject a call.

If you have subscribed to Caller Identification service, caller's number will be displayed on the screen when a call is made. If the number has already been saved in the phonebook, the corresponding name will be displayed on the screen.

The way to end a call is basically the same as above.

Speed dial

You can customize 8 shortcut keys corresponding to 8 phone numbers in phone setting. By doing so, you can make a call quickly by pressing and holding from numeric key 2 to 9 under standby state.

Note: For speed dialing, key (2-9) should be pressed and held for 2 seconds or more. If the shortcut key pressed is not defined in the phone setting, then you cannot make a

speed dial.

Recent calls

The phone can save 20 latest dialed call numbers. Press the calling key under standby state to display the dialed call numbers. You can press the calling key to dial a desired number directly by selecting it with direction key.

Options during a call

During a call, you can press the left soft key to access the options. With the options, you can hold (resume) a call, end a call, make a new call, open the phonebook, access message menu, record audio, mute and disable (enable)

DTMF.

Hold: Hold the current call.

End: End the current call.

New call: Input a phone number and make another call.

Phonebook: For specific functions please refer to the section of function menu - phonebook.

SMS: For specific functions please refer to the

section of function menu - message.

Sound recorder: Perform audio recording during a call.

Mute: The other party cannot hear you, while you can hear him (her).

DTMF: Set whether to enable the dialing of extension.

Missed calls

When you have missed calls, the main screen will display a list of missed calls and you can access the list to view the missed calls by pressing the left soft key.

Cell broadcast

When you receive cell broadcast, the main screen will display cell broadcast. (Cell broadcast must be preset first in message setting and such service must be supported by the network.)

Connecting to voice mailbox

The phone allows you to divert an incoming call to the voice mailbox. Then you will receive a notice regarding an available voice message. (The number of the voice

mailbox center must be preset first and such service must be supported by the network.)

6. Using menu functions

6.1 AV Zone

6.1.1 Audio player


Play audio files. (Note: This phone supports T-flash memory card. Only after the downloaded songs are put under Phone:/My music directory or Memory Card:/My music directory can they be played normally.)

Refresh List: Update song list.

Settings: Settings concerning song list location, list auto generated, skin, song playback mode, random playback, background play, equalizer etc.

Note: You can press volume keys to adjust audio player volume.

6.1.2 Video Recorder

Use this function for video shooting. Click  icon to start and pause recorder. Recorder file will be saved to phone or T-Flash card automatically when you press the

right soft key.

To Player: Play the saved video file.

Cam Coder Settings: Set some relevant parameters for video shooting.

Video Setting: Set relevant parameters for the video.




Effect Setting: Set the different effect to display of video.

Storage: Set the storage location for the video file.

Restore Default: Restore video setting to default.

Exit: Exit video interface.


6.1.3 Video player

Browse or process video files saved here. Click  icon into video player. Click  icon to play on full screen. Click  icon to snatch picture on playing. Press ‘*’ key to switch between full screen and half screen.

Note: You can press volume keys to adjust video player volume.

6.1.4 Camera

This phone has built-in 1.3 mega pixel CMOS camera, which supports photographing and video shooting function. Browse function is provided for you to take the picture you like at any time and at any place. Photos are saved in the phone's own file system and photo is in JPG format. You can send the photo taken via the MMS option provided by the phone.

[Capture]: Press the left soft key or click 'option' on the photographing preview interface to set the camera. After setting save the camera setting. When you have selected the scenery to be taken, click  icon to confirm. At this time a shutter sound will be heard. In order to ensure image quality, please keep the camera lens steady for a while. After photographing the screen will show the still scenery taken by the phone (the status at this time is called freeze frame status).

[Album]: Browse the saved photos.

[Camera Settings]: Set relevant parameters for the camera.

[Image Settings]: Set the size and quality of photo.

[White Balance]: Set the white balance of photo.

[Effect Settings]: Set the different effect to display of photo.

[Add Frame]: Choose to add frame for a photo.

[Storage]: Set the storage location for photo.

[Restore Default]: Restore camera setting to default.

[Exit]: Exit camera interface.


6.2 Personal information manage

6.2.1 Phone Book

The phone provides two kinds of storage media: SIM card and phone. The storage capacity of the phone is 500. The storage capacity of SIM card depends on the type of SIM card.

Enter a string of number under standby state and press the left soft key to save the number. After user has selected the storage location, edit interface will appear. If SIM card is selected, user can only edit name, phone number and caller group. If phone is selected, then the edit interface will be displayed according to the items set by the user (item setting is in phonebook setting menu), which specifically include home number, company name, email

address, office number, fax number, associate picture, associate sound and caller group .

Under standby state, click  icon may directly access the phone book, pressing the right soft key may directly access the phone book and the phone

will display phone number record list.

Under the name list, pressing any numeric key where the initial letter of a record resides can quickly locate the record. For example: For a record with the name "Lancang", since number 5 represents jkl letters, after the 5 key is pressed for three consecutive times, the current selector bar in the list will automatically scroll to the first one of the records whose initial letter is L.

The small icon on the left of the phonebook list indicates whether the record is stored in SIM card or the phone and the right side is the name information of the record.

View: View the detailed information of the record. The detailed information includes name, number, home number, company name, email address, office number, fax number, birthday, associate picture, associate video, associate sound and caller group. (These information will only be displayed when the

phone number is stored in the phone and corresponding item is selected).

Edit: This function is to edit the options included in a phonebook record.

Delete: Delete the record.

Copy: Copy one from current storage to the other storage.

Move: Move the record from current storage to the other storage.

You can access the following options if you access the phonebook from menu:

Quick search: Search quickly for the desired phonebook record.

Search Entry: Search exactly one specific phonebook record.

Add New Entry: Add one new phonebook record.

Copy All: Provide two kinds of copy mode, from SIM card to the phone and from the phone to SIM card.

Delete All: You can choose to delete all records in the SIM card, the

phone or delete one by one. Note: When "Delete all" is selected, phone password is required, which is "0000" by default.

Caller Group: Manage and edit various group information.

Extra number: Set owner and service dial number.

Settings: View memory status, select storage location and item option (item option is only valid to the group setting for records stored in the phone and SIM card).

Caller Picture: Browse and set associate picture.

Caller Ring Tone: Browse and set associate sound.

Caller Video: Browse and set associate video.


6.2.2 Messages

Message function is a network service. You may need to subscribe to the service from your network operator prior to sending and receiving short messages.

This phone supports the function of sending and receiving short messages. A short message is sent to the SMS center of the network, and then the network will send it to the target user. If the target user does not switch his phone on or fails to receive the message, the network will temporarily store it for a period of time that is jointly determined by the setting of the message sender and the service operator.

This phone supports not only normal SMS, but also EMS (Enhanced Message Service) through which messages with attachments inserted picture, ring tones, or animation etc. can be sent and received.

If memory of short message is not full, it will be saved directly in the SIM card.

A flashing icon  will appear on the top row of the main screen if the memory is full. An alert tone of the phone can be heard if a short message is received (when SMS prompt tone and message report setting are enabled).

6.2.2.1 SMS

[Write message]: You can create a new short message in this menu.

[Inbox]: View all received short messages in the inbox.

Reply: Directly reply a short message.

Delete: Delete the current short message.

Edit: Enter into short message edit box.

Forward: Directly forward this short message to others.

Copy to SIM(phone): Copy this short message to SIM or phone.

Move to SIM(phone): Move this short message to SIM or phone.

Chat: Chat with the other party using message.

Delete all: Delete all short messages in the inbox.

Copy all: Copy all short messages to SIM or phone.

Move all: Move all short message to SIM or phone.

Use number: Extract numeric information in the short message.

Use URL: Use URL information in the short message.

Save Objects: Store EMS pictures in the short message.

[Outbox]: Read or process short messages saved in it.

Send Only: Send the message to the corresponding receiver.

Save and Send: Save the message to outbox and send the message to the corresponding receiver at the same time.

Save: Save the message to outbox.

Send to Many: Send the message to several receivers.

Send By Group: Send the message to each member of the corresponding group.

[Template]: Enter into preset short message templates to edit them.

[Message settings]: Set some relevant parameters of short message.

Profile settings: Set basic parameters.

Profile name.

SC Address.

Valid Period.

Message Type.

Common Settings: Enable or disable message delivery report and reply path.

Memory status: View memory status, including memory status of SIM card and the phone.

Pref. Bearer: Set the network used for message sending.

6.2.2.2 MMS

Multimedia message function is a network service. You may subscribe to the service from your network operator prior to sending and receiving multimedia message. This phone supports the function of sending and receiving multimedia messages. MMS is a short name for multimedia message that includes image, sound and text. A multimedia message is first sent to the MMS center of the network, then to the receiver (user with mobile phone that has MMS function) by the MMS center. If the receiver does not switch his phone on or fails to receive the message, the network will temporarily store it for a

period of time that is jointly determined by the setting of the message sender and the network operator.

If the phone of the receiver doesn't support MMS function, then the MMS center will create a temporary mailbox for storing this MMS in dedicated server for the receiver and inform the receiver via SMS to read it on the internet. If the receiver fails to read the MMS in 48 hours, this MMS and the temporary mailbox will be deleted.

All multimedia messages can be stored in the phone's memory and SIM card cannot store multimedia messages.

If the memory for multimedia messages is full, a prompt dialog will appear on the main screen.

If the receiver have received and read the multimedia message, the phone will receive a prompt (if the MMS sending and reading receipt setting are enabled).

[Write Message]: Create a new multimedia message and perform operations on it.

To: Input the phone number or email address of the receiver.

Cc: Input the phone number or email address of the receiver for a copy.

Bcc: Input the phone number or email address of the receiver for a blind copy.

Subject: Edit the subject of the current multimedia message.

Edit content: Input the content of the message. You can not only input text, but also insert such multimedia files as image, sound or multipage content etc.

Send Only: Send the multimedia message to the corresponding receiver.

Save and send: Save the multimedia message in the outbox and send it to the corresponding receiver at the same time.

Save to Drafts: Save the multimedia message to draft.

Send options: Set relevant options for sending multimedia message.

Exit: Exit the edit interface and prompt whether to save the multimedia message to draft.

[Inbox]: View and process received multimedia messages.

[Outbox]: View or process multimedia messages saved in it.

[Drafts]: View and process multimedia messages saved as draft.

[Templates]: Enter into preset multimedia message templates and edit, view or send them.

[Message settings]: Set some relevant parameters of multimedia message.

6.2.2.4 E-mail

You can send E-mail including work, sound and picture. If you want to use this function, you need to apply for the E-mail service, and set the E-mail account and server.

[Send and receive]: Display the quantity of sending and receiving E-mail.

[Write E-mail]: Edit the content of sending E-mail. Including receiver, copy to, subject , adding file , PRI and content . Press “finish” soft key to send and save. You can save to draft or not save to leave

[Inbox]: display the received E-mail.

[Outbox]: display the send-out E-mail . Select any of E-mail you can send , save , edit , move to draft or delete .

Outbox copy: Press “finish” to select to save the editing E-mail.

[Drafts]: Press “ finish ” to select to save the E-mail to draft.

[Delete All Folder]: Delete all the E-mail.

[E-mail Profile]: Can set three kinds of accounts and servers.

◆ Activate: Activate the setting of E-mail

Edit: Edit the transmission setting, out server setting, inner server setting and signature file.

6.2.2.6 Voice Mail Server

Listen to voice message.

Edit: Add or modify voice mailbox number.

Erase: Delete the selected voice mailbox number.

Connect to voice: Connect to the current voice mailbox number quickly.

Note: Voice mailbox function requires network support.

6.2.2.7 Broadcast Message

Broadcast message is an information service to all GSM users in a specific location sent by network operator, such as weather forecast, transportation conditions, etc.

Receive Mode: Choose whether to enable or disable cell broadcast.

Read Message: Read the received cell broadcast.

Languages: Choose the display language of cell broadcast.

Channel settings: Set the channel of cell broadcast.

6.2.3 Call History

You can learn about recent call status via this menu.

Missed calls: Display the list of all missed calls. Select one of the calls and you can view the date and time, phone number and times of the call for the last time.

Dialed calls: Display the list of all dialed calls. Select one of the calls and you can view the date and time, phone number and times of the dialed call for the last time.

Received calls: Display the list of all received calls. Select

one of the calls and you can view the date and time, phone number and times of the call for the last time.

Delete call Log: Choose to delete all missed, dialed or received call records.

Call Time: Summarize the last call duration, dialed calls duration, received calls duration since the counter is reset last time. You can also reset the last call duration, dialed calls duration, received calls duration.

Call Cost

Last Call Cost: View the last call charge.

Total Cost: View all calls charge.

Reset Cost: Clear call charge record.

Max Cost: View the maximum call charge.

Price Per Unit: View and set call charge unit.

Note: Call Cost metering is a network function, which requires support from network operator.

SMS counter: Summarize the number of sent and received short messages since last reset.

GPRS counter: Summarize GPRS volume of last sending, last receiving, all sending and all receiving since last reset and reset GPRS volume record.

6.2.4 Tools

Calendar :The first row displays year and month etc.; the second row displays from Sunday to Saturday; the middle section displays specific days of a certain month; and the last row displays prompt message.

Under the calendar interface, press the up direction key to move the date to the previous week; press the down direction key to move the date to the next week; press the left direction key to move the date to the previous day; and press the right direction key to move the date to the next day. The selected date will be highlighted.

View Tasks: Create daily to-do list.

Jump to Date: Input the specific date to be located and the cursor will jump to the date quickly.

To Do List: Add to-dos as required.

Alarm: The phone provides five alarm clock time points for setting. Enter into any time point and you can set

whether to enable it, its ring time point and ring mode. In ring modes, you can choose one time, daily or several specific days in a week.

World Clock: View the time of various main cities in the world.

Stopwatch: Provides the time function, includes common stopwatch and multidimensional stopwatch.

- ◆ Common stopwatch: Offer function of timing separate, per circle and examine note.
- ◆ Multidimensional stopwatch: Start time by pressing upper, down, left, right key, total time will show on the down screen. Long-pressing left soft key will delete it.

Calculator: For calculation operations, you can use touchscreen or keypad.

6.3 Entertainment

6.3.1 Fun & Games

Games: The phone provides three games. For specific

operations please refer to the description in the games.

Game setting: Choose to enable or disable sound and vibration in the game.

6.3.2 Services

STK: STK is full in SIM ToolKit, which is a new service of GSM and can provide you flexible information function, such as stock information, traffic information, weather forecast etc. Functions provided by STK depend on network operator. This service requires support from the SIM card and network.

WAP: The phone provides WAP browser for you to surf the Internet conveniently. You must register and obtain license from the network operator and set relevant options properly prior to using such function.

Homepage: Access this menu to link the phone directly to the default website.

Bookmarks: Save the websites you are interested in as bookmark and edit or directly surf these bookmarks.

Recent Pages: Recent pages logged in from the phone will be saved in this menu and you can

directly select the record in it for surfing.

Enter Address: Input the website to be logged in to start connecting to the WebPages.

Service inbox: This function means the service provider will send WAP content to your phone without any operation from you. For example, you can obtain the latest news or new WAP setting from the service provider.

Settings:

[Edit Profile]: You must set properly according to local network prior to surfing the Internet successfully.

[Browser Options]: Set the waiting time for connecting to network and enable or disable the display of pictures.

[Service Message Settings]: Choose to enable or disable the receiving of network service message.

[Clear Cache]: Reset buffer memory.

[Clear Cookies]: Reset cookies.

[Clear Recent Page List]: Reset all web page records recently logged in.

[Trusted Certificates]: Some security certificates between the phone and the gateway or server.

Data Account: View relevant information of the account.

6.3.3 Multimedia

Image Viewer

View: Browse the photos saved here.

Forward: Set the photo as wallpaper, screen saver, caller image or send it in form of MMS.

Rename: Rename the photo.

Delete: Delete the photo.

Delete all files: Delete all photos saved here.

Sort: Sort all photos saved here.

Storage: Set the storage location for the photo.

Photo Artist

Use this function to edit picture. For specific operations please refer to the description in the menu.

Sound Recorder

Record: Start recording.

Play: Play the selected audio record.

Append: Append audio to the selected audio record.

Rename: Rename the selected audio record. Note: If the record is set as caller ring tone and once it's renamed, the caller ring tone will be restored to the default setting.

Delete: Delete the selected audio record.

Delete All: Delete all audio records.

Settings: Set the storage location and file format for the audio record.

Forward: Send the selected audio record to profiles or send it in form of MMS.

Melody Compose

Use this function to edit the ring tone you like by yourself (vibration can also be edited), and set it as caller ring tone or send it in form of MMS.

Add: Edit a new ring tone.

Play: Play the selected ring tone edited by yourself.

Play speed: Three options of fast, normal and slow are available.

Select Instrument: Select different instruments to play the ring tone edited.

Save: Save the ring tone.

Note: Key "8" is the vibrating key (add vibration for the edited ring tone so that when user sets the self edited ring tone as caller ring tone, vibration will be activated).

Image Editor: Use this function to draw image. For specific operations please refer to the description in the menu.

6.3.4 Extra

[Units converter]: Perform various weight and length unit conversion.

[Currency Converter]: Perform currency conversion.

[Health Management]: Perform calculation on BMI

(Body Mass Index) and female physiological period.

6.4 System

6.4.1 Settings

Phone Setup: Set such options as time, Schedule Power On/Off, language, dedicated key etc. for the phone.

Time and Date:

Set Home City: Select the time zone where you are located.

Set Time/Date: Set time and date.

Set Format: Set time format as 12-hour format or 24-hour format. Date display format can also be set.

Schedule Power On/Off: Enable or disable timer on and off function. The phone provides 4 time points for switch-on and switch-off. You can set the status and time for each time point.

Special warning: In specific areas where the use of phone is prohibited (such as inside a plane), please remember to disable the automatic switch-on function before entering the area to prevent unexpected accidents.

Language: You can select freely the types of language displayed on the phone screen.

Preferred Input Method: Define default input method. The phone provides several input methods for your selection. For input method please refer to the operation instruction of input method.

Display Characteristic: Set wallpaper and screen saver etc.

Wallpaper: Select the phone's standby image.

Screen saver: You can set whether to enable screen saver and the time before screen saver is activated, and select screen saver image.

Power on display: Set the phone's power on animation.

Power off display: Set the phone's power off animation.

Show Date and Time: Choose whether to enable or disable displaying time and date on standby interface.

Show Owner Number: Choose whether to enable or

disable displaying owner number on standby interface.

Show Operator Name: Choose whether to enable or disable displaying operator name on standby interface.

Themes: Select the display interface of the phone.

Activate: Enable this option.

Update Period: Select the refresh frequency of interface style.

Set Order: Select the refresh sequence of interface style.

LCD Backlight: You can adjust brightness of the screen.

Greeting Text: Enable or disable greeting and edit your desired words.

Speed Dial: You can customize 8 shortcut keys corresponding to 8 phone numbers. By doing so, you can make a call quickly by pressing and holding from numeric key 2 to 9 under standby state.

Dedicated key: Set the shortcut function of direction

keys.

Auto update of date and time: Set whether to enable auto time update function. After this function is enabled, after the phone is switched on or arrives at a new area, the network will update the time of the phone with the system time (This function requires network support.).

Flight mode: Set flight mode or normal mode is enabled.

Handwriting: Set pen speed and pen color.

Call Setup: In this menu, you can set such functions as call diverting, call waiting etc.

Caller ID: Set your phone ID state.

Call Waiting: Choose whether to enable call-waiting function.

Call Diverting: Choose whether to enable call-diverting function.

Call Barring: Choose to restrict some call functions.
Note: Network support is required.

Call Time Reminder: Choose whether to prompt you

call duration during a call (prompted by a "tick" tone). Prompt period can also be set.

Call Time Display: Choose whether to display current call duration during a call.

Auto redial: Choose whether to automatically redial when the called party is busy or no answer is received.

Closed User Group: Set closed user group.

Blacklist: Add number from which you don't wish to receive the call.

Network Setup

Network selection: Set whether to use automatic or manual network selection.

Preferred networks: Set the preferred network.

GPRS connection: Select GPRS connection mode as permanent or when required.

Security Setup

SIM Lock: Enable or disable SIM card lock.

Phone Lock: Enable or disable phone lock. Note: The phone's default password of factory setting is

"0000".

Auto Keypad Lock: Set auto keypad lock.

Fixed Dial: If this function is set (PIN2 code is required), you can only dial the numbers stored in the fixed dialing list, and normal phonebook will no longer be effective.

Barred Dial: Bar user dialing. Network support is required.

Change password: Set new passwords, which include PIN1, PIN2 and phone password. Please remember your new passwords well after they are changed.

Restore Factory Settings: Factory default setting of the phone will be

restored after this function is selected. Phone lock password is required, which is "0000" by default.

[Bluetooth]: You can connect wirelessly to other compatible devices with wireless Bluetooth technology. Compatible devices may include mobile phones, computers, and enhancements such as headsets and car kits. You can use Bluetooth connectivity to send images, video clips, music and sound clips, and notes; connect

wirelessly to your compatible PC (for example, to transfer files). Since devices with Bluetooth wireless technology communicate using radio waves, your device and the other device do not need to be in direct line-of-sight. The two devices only need to be within 10 meters (33 feet) of each other, but the connection may be subject to interference from obstructions such as walls or from other electronic devices.

Sound Effect: Set the equalizer of sound effect.

Pen Calibration: Calibration wizard, You have to calibrate the touch- screen.

6.4.2 User Profiles

The phone provides profiles of General, Meeting, Outdoor, Indoor, Headset and Bluetooth, and default setting has been performed. Among them, the phone will automatically enter into earphone profile after you connect the earphone. For each profile, you can customize the following options in the personalized setting:

[Tone Settings]:

Incoming Call: Set caller ring tone.

Alarm: Set alarm clock ring tone.

Power On: Set switch-on tone.

Power Off: Set switch-off tone.

Message Tone: Set short message prompt tone.

Keypad Tone: Set key tone.

[Volume]:

Ring tone: Set the volume of ring tone.

Key tone: Set the volume of key tone.

[Alert type]: Four incoming call prompt types of “Ring”, “Vibration Only”, “Vibration and Ring”, and “Vibration Then Ring” are available for your selection.

[Ring Type]: Three types of "Single", "Repeat" or "Ascending" are available for selection.

[Extra Tone]:

Warning: When this option is selected, there will be a tone once the phone gives off a warning.

Error: Once this option is selected, the phone will give off error prompt tone once there is wrong

operation.

Camp on: Once this option is selected, the phone will give off prompt tone after it finds the network.

Connect: After this option is selected, there will be prompt tone when the connection for a call is established.

[Answer Mode]: Choose between Auto answer and any key answer for incoming call.

6.4.3 Shortcuts

If this function is set, you can launch the application quickly which you have set number in the Shortcuts.

6.4.4 File manager

Open: Open a specified data folder.

Create Folder: Create a new data folder.

Format: Format files. **Note:** After formatting, you will lose all data in the file system.

Rename: Modify the name of data folder.

Delete: Delete a specified data folder.

Sort: Sort files according to the selected way.

7. Operation instruction of English input method

The phone is used for purpose in English. Not only can the menu interface display in English, but messages can also be edited English. With T9 English input method, you can write phonebook etc. “#” is used to switch between input methods and “*” is used to access punctuation symbol interface.

Smart ABC Input Method

The phone provides two kinds of T9 Smart English Input Method of uppercase and lowercase. T9 Smart English Entry Method has associating function. The more letters you input, the more complete word you get. For example, pressing in succession key 2, 3, 7 and 8 will input “best”. Press the up and down direction key to switch the word if the displayed word is not the one you want.

Multitap ABC Input Method

The phone provides two kinds of ABC Input Method of uppercase and lowercase. Compared to T9 Smart English Entry Method, the difference of ABC Entry Method is that it has no associating function. You can press keys in several successive times to input the letter required. Input a

corresponding letter with each stroke. For example, press key 2 to input 'A', key 3 to input 'D', and key 2 in succession to select 'A', 'B', 'C' or '2'.

Numeric Input Method

Under the state of this input method, press numeric keys to input corresponding digits.

Appendix I Trouble shooting

Trouble	Possible reasons
The phone cannot be switched on	<ol style="list-style-type: none"><li data-bbox="401 655 757 687">1. Any power in the battery?<li data-bbox="401 701 835 733">2. Is the battery installed properly?
Bluetooth cannot be used	<ol style="list-style-type: none"><li data-bbox="401 774 912 851">1. Make sure the function of Bluetooth in your mobile phone is starting up.<li data-bbox="401 865 912 984">2. Ensure Bluetooth is on and pairing is finished between Bluetooth & the mobile phone.<li data-bbox="401 998 912 1075">3. Ensure the Bluetooth is established before you receive a call.
Battery cannot be charged	<ol style="list-style-type: none"><li data-bbox="401 1187 912 1261">1. Check if the charger is connected with the phone correctly.

	<p>2. Is the battery usable? The performance of the</p> <p>battery will be degraded after used for several years.</p> <p>3. Is the battery over discharged? The phone needs to be connected to the charger for a while before it can be charged.</p>
<p>Fail to register to the network</p>	<p>1. The signal is too weak , or there may be some radio interference round. Check the signal strength meter on the screen to see whether vertical lines are not displayed.</p> <p>2. Is the SIM card installed properly, poorly contacted or damaged? If the SIM card is damaged, please ask your network operator for replacement.</p>

Can not call out	<ol style="list-style-type: none"> 1. Is the SIM card registered in the network? Check if the screen displays the name of the network operator. 2. Is call barring enabled? 3. Calling prohibited due to call charges not paid? 4. Have you enabled the function of FDN? 5. Have you selected line 2? But your network operator doesn't provide this service.
Cannot call in	<ol style="list-style-type: none"> 1. Is the SIM card registered in the network? 2. Incoming call prohibited due to call charges not paid? 3. Is call diverting enabled? 4. Is the "Bar incoming call" function in call barring enabled?
Unable to set	The network operator doesn't support,

functions	or requires registration. Please contact the network operator.
PIN locked	Input the PUK code supplied with the SIM card to unlock or contact the network operator.
PIN2 locked	Input the PUK2 code supplied with the SIM card to unlock or contact the network operator.
Call charge meter invalid	No metering pulse is transmitted. Please contact your network operator.
SIM error	<ol style="list-style-type: none"> 1. SIM card is dirty. Clean it. 2. Reinstall the SIM card. 3. SIM card is damaged. Replace it.
Photo taken is too dark	<ol style="list-style-type: none"> 1. Brightness setting is low. 2. Ambient environmental light is too dark.
Photo taken is too blurred	<ol style="list-style-type: none"> 1. The object taken is moving. 2. The phone is slightly shaken at the moment of shutter pressing.

Photo taken is distorted	The main object taken might be too close.
Music cannot be played	<ol style="list-style-type: none"> <li data-bbox="422 211 909 288">1. Is the format of the downloaded song not supported by the phone? Such as mmf format. <li data-bbox="422 757 909 974">2. Has the downloaded song already been deleted? And the song name is still in the file folder. You need to update the playback list for confirmation. <li data-bbox="422 988 909 1240">3. Is the downloaded song under the Phone:/My music (or in memory card)? Only when the downloaded song is put under this directory (or in memory card) can it be played in the music player.

Appendix II Abbreviations and explanations

GSM	Global System of Mobile Communication.
GPRS	General packet radio service.
SMS	Short Message Service.
SMS-CB	Short Message Service-Cell Broadcast.
WAP	Wireless Application Protocol.
FDN	Fixed Dialing Numbers.
SIM	Subscriber Identity Module.
PIN	Personal Identity Number. Usually refers to PIN1. Supplied with SIM card. Used to unlock the SIM card.
PIN2	Personal Identity Number 2. Supplied by the network operator. Used when specific functions are to be performed, such as protected FDN function supported by SIM card.
PUK	Personal Unlock Code. Supplied with SIM card. It is used to unlock the SIM

	card if you input wrong PIN code for three consecutive times and the SIM card is locked. You can also use it to modify PIN code.
PUK2	Personal Unlock Code 2, supplied with a specific SIM card, and used to modify or enable PIN2 code.
IMEI	International Mobile Equipment Identity code, consisting of 15 digits. One mobile phone corresponds to one unique IMEI.
MCC	Mobile Country Code. India (mainland) is 91, for example.
Call waiting	A service provided by the network , which allows you to answer another incoming call without interrupting the active call, but it is different from conference call. You can only talk to one party while another party is held at the same time.
Call diverting	A service provided by the network, which allows you to divert an

incoming call to a specified number according to different circumstances. Normally options of "Divert all voice calls, Divert if unreachable, Divert if no answer, Divert if busy, Divert all data calls" are available.

Roaming

Refer to the phone not used in the area of its local registered network. It includes international and domestic roaming. In this manual it refers to international roaming only.

STK

The full name is SIM ToolKit, a new service of GSM. It can provide you with smart information functions, such as stock information, traffic information, weather forecast, etc. The provided functions of STK depend on your network provider. The service needs support of both the SIM card and the network.