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1. Safety and Precautions

1.1 Introduction

Please read this user manual carefully before using this mobile phone, to keep your phone in its best state.

The phone is the perfect combination of humanized design and excellent craft with streamline and comfortable handset. Besides the basic call function, the phone provides a collection of practical functions including color screen, sweet ring tone, cartoon incoming call animation, file manager (supported by T-Flash card), camera, recorder and music player. It also supports MMS and increment services which facilitate your work and entertainment.

The manual has been validated and reviewed for its accurateness. The explanation and description in the manual are correct when it is published. However, the manual may be changed without prior notice. Our company

reserves the right to change or improve the manual.

1.2 Safety Warnings and Notice Items

- ◆ 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 (purchased separately) 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.

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- ◆ No guarantee for the accessories and part not produced by the original factory.
 - ◆ 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.
- ◆ Do not touch the antenna with your hands while the phone is on to avoid affecting communication.

Note: This user manual introduces the operating instructions in English operating mode. The operating procedure may be slightly different in other language mode.

Warning: The original factories will not take any responsibility in case of noncompliance with the above advises 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



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 easily damaged. Keep it away from small 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 Personal Identification Number required when you use 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. Use only approved batteries. 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.

If you leave the battery in hot or cold places, such as in a closed car in summer or winter conditions, the capacity and lifetime of the battery will be reduced. 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	150 hours	180 minutes

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

Procedure for battery charging

1. Connect the charger to a main socket, and insert the charging plug into the bottom socket of the phone in proper direction.
2. The phone will display "Charger Connected!" and start charging after properly connected. The battery icon will display the charging process dynamically.
3. Under switch-off state, the phone will display the charging process dynamically.
4. 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 the battery in time.

If you do not recharge the battery in two days, the phone may enter 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 you do not recharge the battery more than two days, the battery may enter 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.

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2. To ensure safety, do not change the parts and accessories of the battery by yourself or 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°C-40°C. Do not charge the battery in too high or too low temperature.
 5. Do not use the mobile phone during charging. Keep the phone away from charger before you using it.
 6. Do not keep charging a long time. Pull out the charger quickly after the battery is fully charged.

4. Brief introduction

Calling key

Calling key is used to make a call (after a number has been entered or selected from the phone book), and also to answer an incoming call. In standby state, press the key to display call logs.

Ending key

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 two seconds can switch on/off the phone.

Soft keys

In idle screen, press the left soft key to open the main menu, and then use direction keys to scroll through the main menu. In idle screen, press the right soft key to directly access the phone book list. During menu operation, the

current functions of the left and right soft keys are shown in the bottom line of the screen, and they are closely related to the current status of the phone.

In idle screen, press the right soft key and then the "#" key to lock the keypad; to unlock, press the right soft key and then the "#" key.

Direction keys and OK key

Go to **Settings > Phone Setup > Dedicated key** to set direction keys. In idle screen, press the OK key to open the main menu. In lists and menus, press the OK key to start an application/function.

Number keys

Press number keys (0-9) to enter numbers.

Press and hold number keys (2-9) to start speed dial.

You can also use number keys to select menus. If a number is shown before an option in menu list, you can select the option quickly by pressing the

corresponding number key.

Asterisk key

Press the asterisk key to enter "*".

Press the asterisk key twice in a row to enter "+", to make an international call.

Pound key

Press the pound key to enter "#".

Press and hold the pound key in idle screen to activate/deactivate the Silent mode.

When in an editing screen, press the pound key to change the input method.

Multimedia keys

In idle screen, press and hold multimedia key to directly access music player.

In music player state, multimedia key is used for stop or pause.

Connection jack:

The connection jack is used to connect charger, headset and USB cable.

Icons displayed on the main screen (Icons may be changed without further notice)

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

Icon	Description
	Signal strength
	Keypad locked
	Alarm activated
	Phone call(s) missed

	New SMS received or SMS full
	New MMS received
	Battery status
	Ring
	Vibration only
	Vibration and ring
	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.

Group

Groups in the phone are divided into friends, family, VIP, Workmate, 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 the "0" key until “+” appears, and input the country code, area code and phone number.

【Emergency call】

You can make an emergency call for help no matter whether 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 the phone on

Press and hold the ending key to switch on/off the phone. The phone 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 name will be displayed on the screen. Then 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 the phone is switched on, 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 “1122”.

Switching the phone off

To switch off the phone, press and hold the ending key. After the switch-off animation is displayed on the screen, the phone will be switched off. 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.

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.

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 settings of the phone.

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

If you have subscribed to the 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 latest call logs. Press the calling key in standby state to display call logs. 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.

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- Hold: Hold the current call.
 - End: End the current call.
 - New Call: Input a phone number and make another call.
 - Contacts: For specific functions, refer to the section of function menu - contacts.
 - Messages: For specific functions, refer to the section of function menu - messages.
 - 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 a list and you can access the list to read the cell broadcast by pressing the left soft key. (Cell broadcast must be preset first in message setting and the network must support such service.)

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 the network must support such service.)

6. Using Menu Functions

6.1 Internet

STK: STK is full in SIM ToolKit, which is a new service of GSM and provides various kinds of information, such as stock information, traffic information and weather forecast and so on. 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.
- ◆ 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.

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

Data Account: View relevant information of the account.

6.2 Contacts

The phone provides two kinds of storage media: SIM card and phone. The storage capacity of the phone is 300. 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 and phone number. 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 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 "Linda", 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.

- ◆ Dial IP: Dial IP phone number.
- ◆ View: View the detailed information of the record.
- ◆ Edit: This function is to edit the options included in a phonebook record.
- ◆ Delete: Delete the record.

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- ◆ Copy: Copy one from current storage to the other storage.
 - ◆ Move: Move the record from current storage to the other storage.
 - ◆ Duplicate: Copy one to current storage.
 - ◆ Send vCard: Send vCard by SMS, MMS or Bluetooth, and save it to file.

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 "1122" by default.

- ◆ Caller Group: Manage and edit the group information.
- ◆ Extra Number: Set owner number, service dial number and SOS 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), and set my vCard.
- ◆ Caller Picture: Browse and set associate picture.
- ◆ Caller Ring Tone: Browse and set associate sound.

6.3 Call records

You can learn about recent call logs 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, or delete all 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 and received calls duration.

Call Cost

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- ◆ 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.

6.4 Profiles

The phone provides the profiles of General, Meeting, Outdoor, Indoor, Headset and Bluetooth. Default settings have been performed. The phone will automatically enter the headset profile after you connect the earphone. For each profile, you can customize the following options in the personalized setting:

[Tone Setup]:

- ◆ Incoming Call: Set caller 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.

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- ◆ 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 whether to activate any key answer for incoming call.

6.5 Messages

The 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.

6.5.1 Messages

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 the 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.

Multimedia message function is a network service. You need 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. Multimedia message 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 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).

6.5.1.1 Write Message

Text Message: You can create a new short message in this menu.

- ◆ Send Only: Send the message to the corresponding receiver.
- ◆ Save and Send: Save the message in the outbox and send the message to the corresponding receiver at the same time.
- ◆ Save To Drafts: Save the message in the outbox.
- ◆ Send To Many: Send the message to several receivers.
- ◆ Send By Group: Send the message to each member of the corresponding group.

Multimedia 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 multimedia 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.

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- ◆ 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.

6.5.1.2 Inbox

View all received short messages.

- ◆ Reply: Directly reply a short message.
- ◆ Forward: Directly forward this short message to others.
- ◆ Edit: Enter into short message edit box.
- ◆ Delete: Delete the current short message.
- ◆ Delete All: Delete all short messages in the inbox.

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- ◆ Use Number: Extract numeric information in the short message.
 - ◆ Use URL: Use URL information in the short message.
 - ◆ Chat: Chat with the other party by using messages after setting the chat room.
 - ◆ Advanced: Copy/move the message to phone/SIM card. Copy/move all text messages from SIM card /phone.

You can also view and process received multimedia messages.

6.5.1.3 Outbox

View or process all messages saved in it.

6.5.1.4 Sent

View or process all messages sent successfully.

6.5.1.5 Drafts

View and process all messages saved as draft.

6.5.1.6 Delete Folder

Delete message folders: inbox, outbox, sent, drafts or delete all folders

6.5.1.7 Template

Enter preset message templates and edit, view or send them.

6.5.1.8 Message Settings

Text Message: Set some relevant parameters of short message.

◆ Profile Setting: Set basic parameters.

Profile Name

SC Address

Valid Period

Message Type

- ◆ Common Setting: Enable or disable message delivery report and reply path.
- ◆ Memory Status: View memory status, including memory status of SIM card and the phone.
- ◆ Preferred Storage: Set the storage at first for received message.
- ◆ Pref. Bearer: Set the network used for message sending.

Multimedia Message: Set some relevant parameters of multimedia message.

6.5.2 Chat

Chat with the other party using message after setting the chat room. You can set up to two chat rooms.

6.5.3 Voice Mail Server

Listen to voice message.

- ◆ Edit: Add or modify voice mailbox number.
- ◆ Connect to Voice: Connect to the current voice mailbox number quickly.

Note: Voice mailbox function requires network support.

6.5.4 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 Setting: Set the channel of cell broadcast.

6.6 Organizer

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 clock: The phone provides five alarm clock time points for setting. Scroll to an alarm and select Edit for settings. You can set whether to enable the alarm, the ring time, ring mode, audio options, snooze minutes and alert type.

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

6.7 Shortcuts

A list of shortcuts is displayed for you to access quickly.

In the shortcut list, press the up and down direction keys or the number keys to access the designated function.

Select **Option** to edit the selected shortcut.

6.8 Entertainment

6.8.1 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 scenery you like at any time and at any place. Photos are saved in the file system of the phone and photo is in JPG format. You can send the photo taken through the MMS or Bluetooth option provided by the phone.

Press the left soft key to set the camera. After saving the camera setting, if you have selected the scenery to be taken, press the OK key to confirm. At this time a shutter sound will be heard. In order to ensure image quality, keep the camera lens steady for a while. After photographing the screen will show the still scenery taken by the phone.

[Album]: Browse the saved photos.

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

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

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

[Scene Mode]: Set scene mode.

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

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

[Storage]: Set the storage location for photo.

[Restore Default]: Restore camera setting to default.

6.8.2 Picture viewer

- ◆ View: Browse the photos saved here.
- ◆ Browse Style: Set the browse style to list style or matrix style.
- ◆ Forward: Set the photo as wallpaper, screen saver, power on/off display

and caller image, or send it by MMS or Bluetooth.

- ◆ 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.

6.8.3 Camcorder

This function is used for video shooting. Press the Ok key to start recorder and pause. Recorder file will be saved to phone or T-Flash card when you press the right soft key and select “Save Video”.

- ◆ To Player: Play the saved video file.

-
- ◆ Camcorder Setting: Set some relevant parameters for video shooting.
 - ◆ Video Setting: Set the video quality.
 - ◆ 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.

6.8.4 Video player

Browse or process video files saved here.

- ◆ Play: Play the appointed video file. Adjust the volume by pressing the volume keys at the top of phone. Switch the full screen and half screen by pressing the “*”key.
- ◆ Forward: Send the file by MMS or Bluetooth.

-
- ◆ Rename: Rename the video files.
 - ◆ Delete: Delete assigned video or cinema files.
 - ◆ Delete All Files: Delete all the video or cinema files.
 - ◆ Sort: Sort the video or cinema files as requested (by name, type, time or size).
 - ◆ Bluetooth Settings: Set BT stereo output and BT stereo headset.
 - ◆ Storage: Chose to save to the phone or memory card.

6.8.5 Music player

Audio files can be played. (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, song playback mode, random playback, background play, BT stereo output and BT stereo headset.

Note: You can adjust the volume by pressing the volume keys at the top of phone.

6.8.6 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.

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- ◆ Delete All: Delete all audio records.
 - ◆ Settings: Set the preferred storage and file format.
 - ◆ Forward: Forward the audio record to user profile, MMS or Bluetooth.

6.8.7 FM Radio

Use this application to listen to FM radio. You should plug in an earphone before accessing the application.

- ◆ Channel List: Display channel list.
- ◆ Manual Input: Input the channel manually.
- ◆ Preset Auto Search: Search channel automatically.
- ◆ Settings: Set background play and loud speaker.

6.9 Games

6.9.1 Java

Some games are already preloaded on your phone. Additional games are offered on the Internet. You can download Java applications to the phone. Once downloaded, these are available to you via the phone. Install the applications first before playing the games.

6.9.2 Games

You can set game audio and game vibration in **Game Setting**.

6.9.3 Stopwatch

You can measure times, for example, for a sports game. The phone provides the following two types of stopwatches.

Typical stopwatch	The functions of Split Timing , Lap Timing and View record are provided.
nWay stopwatch	Press direction keys to start stopwatch. The total time is displayed on the top of the screen. Press and hold the left soft key to reset.

6.10 Extras

Calculator

1. Enter the amount to be calculated. Press the pound key to enter decimal points.
2. Use navigation keys to operate and OK key to get the result.

Unit converter

The phone provides the unit conversion about weight and length.

1. Enter the amount to be converted.
2. Press the OK key to obtain the converted result.

Currency converter

1. Set the exchange rate and confirm with the OK key.
2. Enter the amount to be converted in **Local**. Confirm with the OK key.
The amount in the other currency is displayed in **Foreign**.

Health

The phone provides the calculation on BMI (Body Mass Index) and female physiological period for reference.

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, sound clips and notes. Since devices with Bluetooth wireless technology communicate by 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 the interference from obstructions such as walls or other electronic devices.

6.11 File Manager

You can use **File Manager** to organize your files in folders.

If a memory card is inserted, the files stored on it are organized separately.

Select **Phone** or **Memory Card** and select **Option** to browse, copy, delete, and move the files in folders.

6.12 Settings

6.12.1 Phone Setup

Set options such 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 four 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 Methods: Define default input method. The phone provides several input methods for your selection. For input methods, refer to the operation instruction of input method.

Display Characteristic: Set wallpaper and screen saver and so on.

- ◆ 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.

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- ◆ Power Off Display: Set the phone's power off animation.
 - ◆ MainMenu Style: Set the style of main menu to matrix or page.
 - ◆ 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.

Greeting Text: Choose to enable or disable greeting text. Edit your desired words.

Speed Dial: You can customize eight shortcut keys corresponding to eight phone numbers. Then you can make a call quickly by pressing and holding from numeric key 2 to 9 in 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 normal mode, flight mode or query when power on.

Misc Setting: Set the brightness and time of LCD backlight.

6.12.2 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 Divert: Choose whether to enable call diverting function.

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- ◆ Call Barring: Choose to restrict some call functions. Note: Network support is required.
 - ◆ Line Switching: Choose Line 1 or Line 2. Note: When line 2 is selected, you cannot make a call and the display of this option varies according to the different types of SIM card.
 - ◆ Call Time Reminder: Choose whether to enable the prompt of time duration during a call (prompted by a "tick" tone). Prompt period can 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.

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- ◆ IP Number: Add and edit IP dialing number.

6.12.3 Network Setup

- ◆ Network Selection: Set whether to use automatic or manual network selection.
- ◆ Preferred Networks: Set the preferred network.
- ◆ GPRS Connection: Set the kind of GPRS connection.

6.12.4 Security Setup

- ◆ SIM Lock: Enable or disable SIM card lock.
- ◆ Phone Lock: Enable or disable phone lock. Note: The default password of phone lock is "1122".
- ◆ Auto Keypad Lock: Set auto keypad lock.

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- ◆ 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 PIN, PIN2 and phone lock password. Please remember your new passwords well after they are changed.

6.12.5 Restore Factory Settings

The factory default settings of the phone will be restored after this function is selected. Phone lock password is required, which is "1122" by default.

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 eZi English input method, you can write phonebook etc. “#” is used to switch between input methods and “*” is used to access Select Symbol interface.

Smart ABC Input Method

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

Multi-tap ABC Input Method

The phone provides two kinds of ABC Input Method of uppercase and

lowercase. Compared to eZi 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

When the input method icon is shown as "123", input numbers directly with number keys.

Appendix I Troubleshooting

Trouble	Possible reasons
The phone cannot be switched on	1. Any power in the battery? 2. Is the battery installed properly?
Battery cannot be charged	1. Check if the charger is connected with the phone correctly. 2. Is the battery usable? The performance of the battery will be degraded after used for several years. 3. Is the battery over discharged? The phone needs to be connected to the charger for a while before it can be charged.
Fail to register to the network	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.

	2. Is the SIM card installed properly, poorly contacted or damaged? If the SIM card is damaged, please ask your network operator for replacement.
Can not call out	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? However, your network operator doesn't provide this service.
Cannot call in	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 functions	The network operator doesn't support, 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	1. SIM card is dirty. Clean it. 2. Reinstall the SIM card. 3. SIM card is damaged. Replace it.

Appendix II Abbreviations and Explanation

GSM	Global System of Mobile Communication
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, supplied with SIM card and used to unlock the SIM card
PIN2	Personal Identity Number 2, supplied by network operator and 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 and 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. A mobile phone corresponds to one unique IMEI.
MCC	Mobile Country Code
MNC	Mobile Network Code.
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	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.