

DN212 User Manual

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1 General Information

1.1 Profile

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

Perfectly combining humanized design and fine art, this mobile phone provides a streamlined outlook, comfortable hand-feeling, pleasant sounds and MP3 player which bring convenience and fun to your work.

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

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

1.2 Safety Information

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

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

- Set PIN code of SIM card
- Set phone password

1.3 Safety warning and Attentions

Safety warning

› ROAD SAFETY COMES FIRST

Do not use a hand-held phone while driving. Use hands-free fittings when calls are unavoidable while driving.

In some countries, dialing or receiving calls while driving is illegal!

➤ **SWITCH OFF IN AIRCRAFT**

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

➤ **SWITCH OFF BEFORE ENTERING RISKY AREAS**

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

➤ **OBSERVE ALL SPECIAL REGULATIONS**

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

➤ **INTERFERENCE**

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

➤ **QUALIFIED SERVICE**

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

➤ **ACCESSORIES AND BATTERIES**

Use only approved accessories and batteries.

› USE SENSIBLY

Use only in a normal and proper manner.

› EMERGENCY CALLS

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

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

Precautions

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

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

components of the mobile phone.

2 Your phone

2.1 Phone overview

2.2 Functions of Keys

The mobile phone provides the following keys:

- ◆ SIM1 dial key

Press it to originate a call on SIM card 1 by entering the called number or selecting a contact from the phonebook; or press it to receive an incoming call; or press it in standby state to show the latest call records

- ◆ SIM2 dial key

Press it to originate a call on SIM card 2 by entering the called number or selecting a contact from the phonebook; or press it to receive an incoming call; or press it in standby state to show the latest call records.

- ◆ End key

Press it to end a call being dialed or end an ongoing call; or press it to exit the menu and return to the standby state; or hold it for two or three seconds to power on or off the mobile phone.

- ◆ Left and right soft key

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

- ◆ Cancel key

Press it to delete a character before cursor.

◆ **Direction key**

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

◆ **OK key**

Press it to confirm your selection.

◆ **Delete key**

Press it to delete a character before cursor.

◆ **Linefeed**

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

◆ **Space key**

Press it in the edit interface to get a blank.

◆ **Sym key**

Press it in the edit interface to input a symbol.

◆ **Shift key**

Press it to switch between input methods.

◆ **Alt**

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

◆ **Message key**

Press it in idle screen to access Message interface

◆ **Mp3 key**

Press it in idle screen to access Mp3 interface.

◆ **Number keys, letters**

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

2.3 Technical specifications

Phone

Dimensions (W×D×H):

Weight:

Lithium battery

Rated capacity:

Continuous standby duration: (Relates to network status)

Continuous conversation duration: (Relates to network status)

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

3 Getting started

3.1 Installing the SIM Cards and the Battery

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

Note:

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

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

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

Installation

- ◆ Hold the End key for a while to power off the mobile phone
- ◆ Push the back cover above the battery and remove it.
- ◆ Pull the left battery buckle outward and then lift the battery away.
- ◆ Insert the SIM card into the SIM card slot lightly with the corner cutting of the card aligning to the notch of the slot and the gold plate of the card facing download, till the SIM card cannot be further pushed in.
- ◆ Aim the positive pole and negative pole of the battery at the battery connector of the mobile phone, and press the left of the battery to install the battery into the battery tank.

Using code

The mobile phone and the SIM cards support sorts of passwords, in order to prevent the phone and the

SIM cards from being misused. When you are prompted to input any of the codes mentioned below, just input the correct code and then press the OK key. If you input a wrong code, press the Right soft key to clear it and then input the correct code.

◆ **Phone lock code**

The phone lock code may be set to prevent your mobile phone from being misused. In general, this code is provided along with the mobile phone by the manufacturer. The initial phone lock code is set to 1122 by the manufacturer. If the phone lock code is set, you need to input the phone lock code when powering on the mobile phone.

◆ **PIN**

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

Unlocking methods as follows:

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

Note: The SIM card will be locked if you input wrong PIN code for three times. To unlock the SIM card, you need to input the PUK. In general, the PUK can be obtained from the network operator.

◆ **PUK**

The PUK code (Personal Unlocking Key) is required to change a blocked PIN. It is supplied with SIM

card. If not, contact your network operator. If you input wrong PUK code for 10 times, SIM card will be invalid. Please contact the network operator to replace the SIM card.

◆ Barring code

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

3.2 Installing T-Flash Card

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

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

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

Note:

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

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

3.3 Charging the Battery

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

Battery level indication:

◆ Your mobile phone can monitor and display the battery state.

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

Using a travel adapter:

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

Note:

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

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

Using the Battery

The performance of a battery is subject to multiple factors: radio network configuration, signal strength,

ambient temperature, chosen functions or settings, phone fittings, and the voice, data or other application mode you choose to use.

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

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

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

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

consequences!

3.4 Powering On/Off the Mobile Phone

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

Input the phone lock code and press the OK key if the mobile phone prompts you to input the phone lock code. The original code is 1122

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

Enter the standby interface.

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

3.5 Linking to the Network

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

3.6 Dialing Calls

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

◆ Dialing a call to a number in the phonebook

Enter the phonebook and use the upward or downward direction keys to find the telephone number you want

to call.

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

◆ **Redialing the last number**

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

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

◆ **Adapting volume**

During a call, you can press I/- or O/+ keys to tune volume.

◆ **Answering incoming calls**

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

Press the End key to end the current conversation.

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

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

3.7 Using the Headset

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

4 Input method

This mobile phone provides multiple input methods, including numeric input, English input in both upper and lower case. You can use these input methods when editing the phonebook, short messages, the memorandum, files and greeting text.

4.1 Icons for Input Methods

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

Numeric input: “ 123”

English input in upper case: “ ABC”

English input in lower case: “ abc”

4.2 To Shift Entry Methods

Press Shift key to switch between input methods.

4.3 Numeric Input

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

4.4 English input

- Press the Shift key to switch between input methods
- Press **space** key to get a vacancy
- To clear wrong inputs, press the **Del** key.

4.5 Inserting a Symbol

Press the **sym** key to enter the **Select symbol** interface, use direction keys to select a symbol you want.

5 Using the menu

5.1 Messages

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

If the destination user has received the short message you sent and the short message delivery report function is activated, the phone will give off a message report alert tone.

Note: When a short message is sent through the network, the mobile phone may give a prompt message indicating that the short message has been sent. This indicates that the mobile phone has sent the short message to the short message service center number set in the mobile phone but does not imply that the destination user has received the short message. For further information, consult the service provider

Write message

Access this menu to create a text message

Inbox

Received messages are listed in this message.

Drafts

From the main menu select “**Messages**” to create text message. You can type a message, and you're also able to insert a pre-defined message from “**Templates**”. While writing a message, select “**Options**” to access all the messaging options. You can save your messages that you send often to “**Drafts**”.

Outbox

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

MMS

Your phone can send and receive MMS which enables you to send message containing picture, ring and text.

When sending a MMS, your message can be viewed with ensuring the addressee owe a phone supporting MMS.

5.1.1.1 Write message

a. Choose a new message and input corresponding content

* Addressee: To set phone number of the addressee

* Make a copy: To set phone number to make a copy

* Confidential letter: To set phone number of directory of sending as confidential letter.

* Theme: To set MMS theme

* Contents: To edit MMS content. User can add words, pictures, sounds and enclosure.

b. After entering corresponding content, return to the list of addressees interface, enter **theme options** interface

* Edit: To edit the current contents

* Send only: To send the message you have edited

* Save and send: To save the message while you send it.

* Save to draft: To save to the draft and send it later

* Send options: To set sending options of the message

* Exit: To exit editing of message, user will be asked whether to save or not at the same time.

5.1.1.2 Inbox

Received MMS are listed in this menu.

5.1.1.3 Outbox

All MMS that have been sent failed are stored in the Outbox.

5.1.1.4 Drafts

Drafts MMS are listed in this menu.

5.1.1.5 MMS settings

This function enables you to set the configuration information of sending and receiving MMS.

Broadcast Message

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

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

Templates

Users are able to define some templates and store it in this menu, or they can use the default ones to create a new message.

SMS Settings

This function enables you to set the default features about the SMS.

- ◆ **Profile settings:** Save or modify the short message service center number required for short message transmission, or obtain it from the network operator.
- ◆ **Voicemail server: Edit:** Edit or delete your voice mailbox number; or select **OK** to save the number.
Call voicemail: Dial the voice mailbox number stored in the voice mailbox number list. Note: In the standby interface, you can press number **1** key to call the voice mailbox after setting the voice mailbox number.
- ◆ **Common settings:** Set the message delivery report and the reply path. After **Delivery report** is set to **On**, the short message service center will send a status report indicating whether the short message you sent has been successfully delivered. This function requires the network operator's support.
- ◆ **Memory status:** View the percentage of the memory seized by the short messages in the SIM card to the total SIM card capacity and the percentage of the memory seized by the short messages in the phone to the total phone capacity.
- ◆ **Preferred storage:** Select the default storage path of short messages, i.e. whether to save short messages to the mobile phone or the SIM cards.
- ◆ **Long text message:** You can activate or deactivate this function as needed.

5.2 Phonebook

The mobile phone can store up to 1000 telephone numbers. The number of telephone numbers that an SIM card can store depends on the storage capacity of the SIM card. The telephone numbers stored in the mobile phone and in the SIM cards form a phonebook. A name stored in the mobile phone can have at most four telephone numbers.

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

- ◆ **View:** View the content of the telephone number.
- ◆ **Sent text message:** sent text message to this number.
- ◆ **Sent multimedia message:** sent multimedia message to this number.
- ◆ **Call:** call the current number of the SIM1 or SIM2.
- ◆ **Edit:** Edit the telephone number and name.
- ◆ **Delete:** Delete the telephone number from the phonebook.
- ◆ **Copy:** Duplicate the telephone number from the mobile phone to the SIM card or from the SIM card to the mobile phone.
- ◆ **Move:** Move the telephone number to the SIM card if it is stored in the mobile phone or to the mobile phone if it is stored in the SIM card.
- ◆ **Send contact:** To send the record through message, multimedia message, Bluetooth and email or store as file.
- ◆ **Add to blacklist:** Add the number you've selected to blacklist.
- ◆ **Mark several:** To mark several phone number so that you can perform the same operation on them.

- ◆ **Caller groups:** You can set five caller groups, including names, associated sound, associated pictures and members. You can set objects by pressing the left and right direction keys.
- ◆ **Phonebook setting:** To set some parameter of phonebook.

5.3 Calendar

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

5.4 Services

STK

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

Internet service

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

- ◆ **Homepage:** indicates the default website of the internet
- ◆ **Bookmarks:** used to save most commonly-used websites
- ◆ **Recent Pages:** browse the record of the recently browsed web pages
- ◆ **Input Address:** input the website to be searched and press finish button to access to the network directly
- ◆ **Service Inbox:** save the short messages sent from the website
- ◆ **Settings:** set up WAP-related service

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

Data account

Access this interface to set GPRS parameter.

5.5 Multimedia

Audio Player

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

Video player

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

Melody composer

You can press number key to compose melody. After finishing composing, you can play the melody, set play speed and select different instrument to play the melody.

Image viewer

You can view the pictures or images through this function.

Sound recorder

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

Because of having super recording time, user can choose recording format to record from “option” which can be stored to the phone memory and memory card.

5.6 Camera

Use this function to capture pictures. In the capture interface, you can press left or right direction key to adjust exposure value; up or down direction key to zoom in or zoom out; OK key to capture photos; left soft key to access Options; right soft key to exit capture interface.

5.7 Video recorder

This function enables you to record dynamic pictures. you can press left or right direction key to adjust exposure value; OK key to capture videos clip; left soft key to access Options; right soft key to exit capture interface.

5.8 Mobile TV

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

switch to full screen play.

5.9 FM Radio

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

5.10 Audio Player

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

5.11 Games

Four games are embedded in this menu. For specific operation, please refer to 'help' option of each game.

5.12 Facebook

Log on Facebook through a web.

5.13 eBuddy

Log on eBuddy through a web.

5.14 Yahoo

Log on Yahoo through a web.

5.15 Twitter

Log on Twitter through a web.

5.16 MSN

Log on MSN through a web.

5.17 Alarm

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

5.18 Tasks

Choosing date, call or anniversary to create new memo, which you can view, add, edit, delete, delete overdue task, delete all, jump to date, send route and saved as file. If you have set the alarm for the memo, alarm will sound when time is up, the content of memo will display at the same time.

5.19 Calculator

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

- ◆ Press the up, down, left and right key to select $+$, $-$, \times , \div , $=$ respectively.
- ◆ Press right soft key to delete the figure.

5.20 File manager

The phone provides a certain space for users to manage files and supports the T-Flash card. The capacity of

the T-Flash card is selectable. You can use the file manager to conveniently manage various directories and files on the phone and the T-Flash card.

Open

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

Format

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

5.21 Manage Connections

Bluetooth

- Power: To activate or deactivate Bluetooth as needed.
- Inquiry audio device: To search audio device automatically.
- My device: Related information of your device.
- Active devices: show information of active devices.
- Settings: Set some parameter of your Bluetooth.
- About: Provide some helpful information.

Dual SIM Settings

- ◆ **Dual SIM open:** Both SIM cards are standby if you set this option.

- ◆ **Only SIM1 open:** Only SIM card 1 can be identified if you set this option.
- ◆ **Only SIM2 open:** Only SIM card 2 can be identified if you set this option.
- ◆ **Flight mode:** when this function is engaged, it will suspend many of the device's signal transmitting functions – thereby disabling the device's capacity to place or receive calls or text messages– while still permitting use of other functions that do not require signal transmission (e.g., games, built-in camera, MP3 player.)

5.22 Settings

Network Settings

Contact the network operator to obtain the following network services:

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

Security Settings

This function provides you with related settings about safety use

- ◆ **SIM1 lock:** To set the SIM1 lock, you need to input the PIN. You can set the SIM lock only after inputting the correct PIN. If you set SIM1 lock to On, you need to input the PIN each time you power on the mobile phone. In the case you input a wrong PIN for three consecutive times, you need to input the

PIN Unblocking Key (PUK). The PUK is used to unlock and change the locked PIN. To obtain the PUK, contact the network operator.

- ◆ **Fixed dial:** This function requires the SIM card's support and the network operator's support. When the fixed dial function is activated, you can dial only the numbers in the fixed dial list. To activate the fixed dial function, you need to input the PIN2.
- ◆ **Barred dial:** Activate or deactivate the barring of some or all calls. This function requires the SIM card's support.
- ◆ **Change password:** To change PIN code of SIM card.
- ◆ **Phone lock:** The function enables you to lock/unlock the phone. Entering password to switch on or off the phone. Password is required when the phone is locked. The password is 4 to 8 digits.
- ◆ **Auto keypad lock:** The function enables you to lock/unlock the keypad. Setting the auto locking time that 5s, 30s, 1min or 5mins is available. The keypad will be auto locked with no operation during the period.
- ◆ **Change password:** To change the phone password.

Phone Settings

- ◆ **Smart desktop:** Select hide shortcut on or off as you needed and set idle shortcut.
- ◆ **Time and date:** set the date format, the time format, and detail time of the location.
- ◆ **Schedule power on/off:** Set the time when the mobile phone will be automatically powered on or off.
- ◆ **Language:** Select the display language for the mobile phone.
- ◆ **Pref. input method:** Select preferred input method as needed..

- ◆ **Display:** Users can access this item to set wallpaper, screen saver, power on/off display, etc.
- ◆ **Misc. settings:** Set brightness and time of LCD backlight.

Restore Factory Settings

Use this function to restore factory settings. The preset password is 1122.

5.23 Call center

Call history

5.23.1.1 Missed Calls

You can view a list of the latest missed calls.

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

5.23.1.2 Dialed Calls

You can view the latest dialed calls. Choose **dialed calls** and then select a dialed call to delete, save, dial, or edit (or send a short message to it).

5.23.1.3 Received Calls

You can view the latest received calls. Choose **received calls** and then select a received call to delete, save, dial, or edit (or send a short message to it).

5.23.1.4 Delete all

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

5.23.1.5 Call Timers

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

5.23.1.6 Call Cost

Choose **call cost** to view the cost of the last call and the cost of all calls, reset the call cost, modify the maximum cost allowed, and/or set the call tariff.

Note: The call cost function relates to the SIM card. Some SIM cards do not support this function. The PIN2 is provided by the network operator. To obtain the PIN2, contact the network operator.

5.23.1.7 Text msg. counter

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

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

Note: The call history settings of SIM card 2 are the same as SIM card 1.

5.23.1.8 GPRS counter

- ◆ **Last sent:** Viewing the rate of last session sent
- ◆ **Last received:** Viewing the rate of last session received
- ◆ **All sent:** Viewing all of the rate of sessions sent
- ◆ **All received:** Viewing all of the rate of sessions received
- ◆ **Reset counter:** Clearing all rates.

Call Setting

- ◆ **Caller ID:** You can select the ID set by the network, hide the ID, or send the ID. By default, the ID set by the network is chosen.

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

- ◆ **Call waiting:** After you choose Activate, the mobile phone will contact the network. A moment later, the network will make a response and send a message to acknowledge your operation. If the call waiting function is activated, the network will alert you and the mobile phone screen will display the incoming call number if others are calling you while you are already in a conversation.
- ◆ **Call diverts:** this network function enables you to forward incoming calls to another number you have previously specified.
- ◆ **Call barring:** The call barring function enables you to bar calls as needed. When setting this function, you need to use a network barring code, which can be obtained from the network operator. If the code is wrong, an error message will be prompted on the screen. After selecting a call barring option, continue to select Activate or Deactivate. The mobile phone will prompt you to input the call barring code and then contact the network. A moment later, the network will make a response and send the operation results to the mobile phone.
- ◆ **Line switching:** Switch to Line 1 or Line 2. By default, Line 1 is used.

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

Note: SIM on the service is required.

More

- ◆ **Blacklist:** access this menu to set blacklist status and its members.

- ◆ **Auto redial:** Set it to **On** or **Off** to enable or disable auto redial. If you set **Auto redial** to **On**, the mobile phone will automatically redial the number a moment later if the called party does not reply. The number of auto redial times can be set to a maximum of 10. In the auto redial period, you cannot dial other numbers. To end the auto redial process, press the **End** key.
- ◆ **Call time display:** To display call time or not in a call.
- ◆ **Call time reminder:** To set single or circle tone in a call to make you know the time.
- ◆ **Magic voice settings:** Access this item to set magic voice status and type.

5.24 Applications

E-book reader

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

Unit converter

To exchange between Kg and Pound, Km and Mile.

Stopwatch

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

World clock

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

Currency converter

To use this function:

- ◆ First, Input one rate and confirm.
- ◆ Second, input local money amount.
- ◆ Last, confirm get the amount of foreign currency

5.25 User profile

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

Customize the user profiles according to your preference and then activate the user profiles. The user profiles fall into six scenarios: **General, Meeting, Outdoor, Indoor, Silent, Headset and Bluetooth**.

When you insert an earpiece to the mobile phone, the mobile phone automatically enters the Headset mode. There is no option for activating the Headset mode on the screen. For details on operation, refer to **General**.

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

5.25.1.1 Activate

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

5.25.1.2 Customize

After choosing one of the above seven modes, select **Customize** to edit the following items:

- ◆ **Tone setup:** Set the incoming call tone, power-on prompt tone, power-off prompt tone, message tone, and keypad tone.
- ◆ **Volume:** Set the volume of the conversation tone, the ring tone, the keypad tone.
- ◆ **Alert type:** Select ring, vibrate, ring and vibrate, or ring after vibrate mode.

- ◆ **Ring type:** Set the ring type to **Single, Repeat or Ascending**.
- ◆ **Extra tone:** Activate or deactivate the warning tone, error tone, network connection tone, and conversation start tone.
- ◆ **Answer mode:** Set whether to answer incoming calls by pressing any key.

After setting all the above items, choose the mode and then select **On**.

Note: *The mobile phone automatically enters the Headset mode when you insert the earpiece.*

5.26 Lock

Select this function to lock keypad. When the keypad is locked, you can press right soft key then space key to unlock keypad.

5.27 Power off

Select this function to power off the mobile phone. When the phone is powered off, you can long press end key to power on it.

6 Appendix

Appendix 1: Troubleshooting

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

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

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

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

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

7 Certification Information

Certification Information (SAR)

This device meets guidelines for exposure to radio waves. Your device is a low-power radio transmitter and receiver. As recommended by international guidelines, the device is designed not to exceed the limits for exposure to radio waves. These guidelines were developed by the independent scientific organization International Commission on Non-Ionizing Radiation Protection (ICNIRP) and include safety measures designed to ensure safety for all users, regardless of age and health.

The Specific Absorption Rate (SAR) is the unit of measurement for the amount of radio frequency energy absorbed by the body when using a device. The SAR value is determined at the highest certified power level in laboratory conditions, but the actual SAR level of the device when being operated can be well below the value. This is because the device is designed to use the minimum power required to reach the network.

The SAR limit adopted by USA and Canada is 1.6 watts/kilogram (W/kg) averaged over one gram of tissue. The highest SAR value reported to the FCC and IC for this device type when tested for use at the ear is 0.453 W/kg, and when properly worn on the body is 0.568 W/kg with 15mm separation.

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Warning: Changes or modifications made to this device not expressly approved by SHENZHEN UNITED TIME TECHNOLOGY CO., LTD. may void the FCC authorization to operate this device.