

**GSM Mobile Phone**  
**ROCK LITE**  
**User's Manual**

**FCC ID: C89ROCKLITE**

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# **1 General Information**

## **1.1 Introduction**

We are pleased that you have chosen this color-screen mobile phone. For your safe and efficient use of the phone, you can read this manual before you use the phone.

The phone is designed for GSM. Apart from calling, it also provides some practical functions, such as associative English input method, card-folder phonebook, individualized sound and pictures of incoming calls, 64 polyphonic ringtone, SMS & MMS& video recorder, music & media player, voice recorder, clock, alarm clock, calculator, automatic turn-on & turn-off, T-flash, STK, keypad lock, USB. Moreover, its individualized user interface and functional design can meet your various requirements.

The phone is designed in accordance with the technical specifications of GSM. It also obtains authentication of domestic and international authorities.

Manufacturers reserve the right to revise this manual without giving advance notice.

## **1.2 Safety**

If your phone has been lost or stolen, contact telecommunication department or its agencies so as to forbid the use of your phone and SIM card. Your prompt action can prevent others from personator calls which will result in your pecuniary loss.

When you contact telecommunication department or its agencies, they will require IMEI code. The IMEI code is printed on the label of the phone back and you can see it when you remove the battery. You should copy the code and keep it properly for future need.

In order to avoid the misuse of your phone, you shall take the following measures:

- ◆ Set PIN code of your SIM card and alter it before others have known it.
- ◆ Do not put your phone in the visible places before you leave the car. You'd better keep it with you or lock it in the boot.
- ◆ Set Call Barring.

## **1.3 Warning and Notice**

For your safe and proper use of the phone, read these guidelines before you use the phone.

### **1.3.1 Basic Notices**

- ◆ Do use the batteries and chargers approved by the manufacturer. The disapproved products may cause battery leakage, overheating, burst or fire.
- ◆ Do not strike, shake or sling your phone. It can prevent damage or fire.
- ◆ Do not place your phone, battery or charger in microwave oven or high-voltage equipment; otherwise it may cause accidents, such as circuit damage or fire.
- ◆ Do not use your phone in the place where there is inflammable and explosive gas; otherwise it may cause your phone failure or fire.
- ◆ Do not put your phone in the place of high temperature, high humidity or the place where there is a lot of dust; otherwise it may cause your phone failure.
- ◆ Keep your phone out of the reach of children. It can prevent children from playing your

phone as a toy and the subsequent body injury.

- ◆ Do not place your phone at the unsmooth or unstable table; otherwise your phone may fall from the table and get damage.

### **1.3.2 Notices of Your Phone**

- ◆ Turn off your phone in any facility where using mobile phone is forbidden. These facilities may include airplanes and hospitals. The phone can influence the regular operation of electronic devices and medical devices. Therefore, any use of the phone must be in accordance with applicable regulations of the facility. Your phone is of automatic turn-on function. You should check the setting of clock alarm in order to ensure your phone will not be automatically turned on while the airplane is flying.
- ◆ Do not use your phone in the place of poor signal or near the electronic devices of high definition. The interference of radio wave may cause electronic devices' misoperation or other problems, especially to audiphones, pacemakers and other medical electronic devices, fire detectors, automatic doors and other automatic control devices. You can consult the manufacturer or seller of the medical device about the influence of the phone on the pacemaker or other medical devices.
- ◆ Do not press the LCD strongly or strike other things with your phone; otherwise it can cause damage to LCD or leakage of LCD liquid. If LCD liquid accidentally gets into your eye, you may become blind. At this very moment, do not knead your eye. You should immediately wash your eye with water and then go to hospital.
- ◆ Do not dismantle or refit your phone; otherwise it will cause damage to your phone, leakage of electricity and circuit failure.
- ◆ In few situations, your phone may have bad influence on electronic devices in some car. Do not use your phone so as not to lose security.
- ◆ Do not press the keys with sharp things, such as needle or nib; otherwise it may cause damage to your phone or misoperation.
- ◆ Do not use your phone if its antenna is damaged; otherwise it may cause injury to the person.
- ◆ Do not put your phone too near magnetic objects, such as the magnetic card; otherwise the radiation wave of the phone may eliminate the information stored in floppy disk, debit card and credit card
- ◆ Do not put the small metal objects such as thumbtack far away from the earphone because the loudspeaker is magnetic while it is working and it can attract these small metal objects. It may cause injury to the person or damage to the phone.
- ◆ Keep your phone dry. If water or other liquid gets into the phone, it may cause overheating, leakage of electricity or failure of your phone.

### **1.3.3 Notices of Battery Use**

- ◆ Do not cast the battery into the fire; otherwise it can cause fire or burst.
- ◆ Do not install the battery strongly; otherwise it can cause leakage of electrolyte, overheating, burst or fire.
- ◆ Do not short-circuit the battery with metal objects, such as electrical wiring or needle. Do not put the battery together with metal objects such as necklace; otherwise it may result in

leakage of electrolyte, overheating, burst or fire.

- ◆ Do not weld the positive (+) and negative (-) of the battery; otherwise it may result in leakage of electrolyte, overheating, burst or fire.
- ◆ If battery electrolyte accidentally gets into your eye, you may become blind. At this very moment, do not kneading your eye. You should immediately wash your eye with water and then go to hospital.
- ◆ Do not dismantle or refit the battery; otherwise it can cause leakage of electrolyte, overheating, burst or fire.
- ◆ Do not use or put your phone near the fire or in the place where is of high temperature; otherwise it can cause leakage of electrolyte, overheating, burst or fire.
- ◆ If the battery is calefactive, color-changing or transformative while is it is charging, using or preserve, do stop using it and change a new battery.
- ◆ If battery electrolyte contacts skin or clothes, it may burn the skin. Do wash the skin with water immediately and go to hospital if necessary.
- ◆ If electrolyte leaks out of the battery or send out strange smell, put the battery far away from the fire immediately in order to avoid fire or burst.
- ◆ Keep the battery dry; otherwise it can cause overheating, smoking or erosion of the battery.
- ◆ Do not use or put the battery in the places of sunlit or high temperature; otherwise it can cause leakage of electrolyte or overheating. Moreover, it can reduce the capacity and lifetime of the battery.
- ◆ Do not charge the battery continuously over 24 hours.

#### **1.3.4 Notices of Charger Use**

You can use **Charger** or connect it to PC for your phone with **dateline**.

- ◆ Do use alternating current of 220V. Using other voltage can cause leakage of electricity, fire or damage to your phone and the charger.
- ◆ Do not short-circuit the charger; otherwise it can cause electric shock, smoking or damage to the charger.
- ◆ Do use the charger while the power line is damaged; otherwise it can cause fire or electric shock.
- ◆ Do wipe the socket and remove the dust in time
- ◆ Do not place the container filled with water near the charger; otherwise it can cause overheating, leakage of electricity and failure if water spills out.
- ◆ If the charger accidentally contacts water or other liquid, you should immediately unplug the charger so as to avoid overheating, fire, electric shock or failure of the charger.
- ◆ Do not dismantle or refit the charger; otherwise it can cause electric shock, fire, damage to the charger or injury to the person.
- ◆ Do not use the charger in the place of high humidity, such as bathroom; otherwise it can cause electric shock, fire or damage to the charger.
- ◆ Do not touch the charger, power line and socket with wet hand; otherwise you can get an electric shock.
- ◆ Do not put heavy things on the power line or refit the wire; otherwise it can cause electric shock or fire.
- ◆ Do unplug the charger before you clean and maintain it.

- ◆ Do Hold the charger if you unplug it. Do not pull the power line. It may damage the wire and cause electric shock or fire.

### **1.3.5 Care and Maintenance**

- ◆ Your phone, battery and charger are not waterproof. Therefore, do not use them in the place of high humidity, such as bathroom. They should also avoid shower.
- ◆ Do clean your phone, battery and charger with the soft and dry cloth.
- ◆ Do not wipe your phone with alcohol, diluents or benzene.
- ◆ Do wipe the socket regularly. The dirty socket can result in bad contact, unsteady power and no recharge.

### **1.3.6 General Notices**

#### **The Phone**

- ◆ Your phone must be used in the places where the temperature is below 50°C and above -10°C and the humidity is below 85% and above 35%.
- ◆ Do stay way from telephone, television, and radio and office automatic instrument while you are using the mobile phone. It can prevent the interference of your phone and the abovementioned instruments.

#### **The Battery**

- ◆ Do put the battery in the ventilated place and keep it away from the sunlit place.
- ◆ The battery is of limited lifetime and frequent charging can reduce its capacity. If the battery cannot be charge, change a new approved battery.
- ◆ Do not dispose of the battery as household waste. The battery must be disposed of in accordance with the regulations.

#### **The Charger**

- ◆ Do not charge the battery in the following places: the sunlit place, the place where the temperature is below 40°C and above 5°C, the place of humidity, dust or severe shake and the place near the television, radio or other electrical appliances.

## **2 Getting Started**











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### **2.1 Overview and Introduction**

#### **2.1.1 Product Specification**

### 2.1.2 Icon

In idle mode the LCD may display the following icons.

图标	说明
	SIM Card 1 Signal Strength
	SIM Card 2 Signal Strength
	SIM Card 1 New Messages
	SIM Card 2 New Messages
	Alarm clock is activated
	Headset is inserted
	SIM Card 1 is missed call
	SIM Card 2 is missed call
	The keypad is locked.
	Battery Level

### 2.2 Keypad

**“Press some key” hereof indicates that press the key and then relax it; “Press and hold some key” hereof indicates that press and hold the key for two or more seconds.**

### 2.3 Battery

The initial state of battery charge of about 50% the electricity. The first three complete charge please run out of power after the full use of this battery easy to achieve the best use of state.

#### **Install and Remove the Battery**

You should follow these steps to remove the battery: ① Open the battery back; ② Remove the battery from back-end mobile phones.

You should follow these steps to install the battery: ① Insert the front-end of the battery into the phone; ② Put the rear cover back.

#### **Charge the Battery**

- ◆ Plug in the charger.
- ◆ Insert the connector plug into the connector port on the bottom of your phone.
- ◆ Then the Battery Level icon displays in top right corner of the screen will flicker regularly. If your phone is power off, a charge indicator will display in the screen and indicates that the battery is charging. If the battery is too low the charge indicator will display in the screen for a moment.
- ◆ When the icon is full and does not flicker, it indicates that the battery is completely charged. If your phone is power off, the system will display “charging complete”. In the process of charging your phone, battery and charger will become hot that it is a normal phenomenon.



**Notice:**

**The use of any other disapproved battery may invalidate any warranty, and may be dangerous.**

**When your phone is automatically turned off or indicates the power will be exhausted, you should charge the battery in time. If the battery is not exhausted, the charging time will be shorter than the normal time.**

**The data of suspended time and talk time is provided by manufacturer is based on the ideal working environment. But actual working time depends on the network environment, working environment and usage method.**

**Do check if the battery has been well installed before charging. Do not remove the battery while charging.**

**Remove the connection between charger and batter after the battery is completely charged. If you do not remove the connection between charger and batter, the battery will be charged in 5-8 hours. We suggest that you don't do it, because it can shorten battery lifetime.**

## **2.4 Network Connections**

### **2.4.1 SIM Card**

You must insert an effective SIM card into your phone before you use the phone. SIM card into your digital GSM network key.

All the information of network connection and the initial call record is stored in the metal area of SIM card. It also stores your phonebook and SMS. SIM card can be removed from your phone and used in any mobile phone of GSM network. (The new phone will automatically read the SIM card)

In order to avoid the SIM card information will be lost, you should put SIM card far away from the place of electricity or magnetism and do not touch the metal area of SIM card. Once SIM card is damaged, you cannot logging in GSM network.

**Caution: Do turn off your phone before you remove SIM card. Do not insert or remove SIM card when the phone is power on; otherwise SIM card can be damaged.**

### **2.4.2 Insert and Remove the SIM Card**

SIM card is usually placed in a card. You should take it out carefully before you insert it into your phone.

- ◆ Turn off your phone and remove the battery or external power.
- ◆ Insert SIM card into the card slot as shown below
- ◆ When you want to remove SIM card, turn off your phone and remove the battery. Then you can take out SIM card.

### **2.4.3 Turn Your Phone On or Off**

Press and hold Power Key to turn on your phone. Do the same thing to turn off your phone.

If you have not installed SIM card, your phone will request you to insert SIM card. The phone check if the card can be used after the card has been installed. Then the screen will display the following indications sequentially.

- ◆ **Input SIM1(2) PIN:** was set up SIM password..
- ◆ **Input Phone lock code:** was set up cell phone password.

- ◆ **Searching:** phone will search until found a suitable network connection.

#### 2.4.4 Phone unlock

In order to prevent the illegal use your mobile phone can be set up password-protected. Elected to use this feature, you must enter a password so you can unlock the phone when you turn on phone every time, and send or receive calls. You can remove passwords (see 3.5.7 of the “Security setting”). In this case, the phone cannot prevent the illegal use of.

- ◆ Enter the password phone, right soft key can clear input error. For example, if the phone password is set to 1122, you must enter “1122”.
- ◆ If you forget your phone password, you must contact your local retailer or authorized service center, in order to unlock your phone password.

#### 2.4.5 Unlock the SIM Card

In order to prevent the illegal use, SIM card PIN1 (personal identification number) code encryption protection. Elected to use this feature, you must enter PIN 1 code to unlock SIM card when you turn on phone every time, and send or receive calls. You can remove the S protection IM card (See 3.5.7 Security setup). In this case, the SIM card cannot prevent the illegal use of.

- ◆ By hanging up the phone key to open.
- ◆ Enter PIN 1 code and then select Confirm. right soft key can clear input error. For example, if the PIN 1 code is set to “1234”, you should enter “1 2 3 4”.

If three consecutive input error, your SIM card will be locked Network. Phone will be asked whether the PUK 1 code. If you do not know PUK 1 code, do not enter on its own, SIM card should be paid to deal with network operators(See 3.5.7 Security setup)

**Notice: The network operator suppliers for you SIM card to set a standard of PIN1(4 to 8), You as soon as change to your private password(See 3.5.7 Security setup)**

#### 2.4.6 Connect to the Network

If SIM card is success in unlock, phone will automatically search for an effective network. Once contacted, the network provider’s name will appear on the screen.

**Notice: If the screen displays “EMERGENCY”, means that you don’t in network service’s coverage area. But you can still send an emergency call according to the signal strength.**

#### 2.4.7 Make Calls

When the network provider’s logo appears on the screen, you can call or answer the phone. The icon be displayed in the top left corner of screen is the network signal strength.

The barrier can influence call quality. Therefore, you can mobile in small area so that effectively call quality.

#### 2.4.8 Make Domestic Calls

Press Number Keys to enter the phone number and then press dial-up button to begin to call. If you want to change the number, press Right Soft Key to delete the number. The screen will show

animation while dial-up call. After answer each other, the screen will show call state. If you have set extra tone , you will hear ring tone.( network support)

Press Power/End Key to hang up the call.

**Dialing Code    Phone Number    Dial-up button**

#### **2.4.9 Dial Extension**

Some fixed-line extensions cannot dial directly, you need to dial the switchboard, dial extension. If you insert “P” between the switchboard number and the extension number while entering the phone numbers, the phone will automatic dial-up extension. Press and hold “ \* ” Key to input “ P ”.

**Dialing Code    fixed-line telephone number    P    extension number    Dial-up button**

For example, if you have a number 8880000 to use a dial-up voice-mail system, mail for the 6666 and 8888 for the password, well , you can dial in the following manner:

8880000 P 6666 P 8888

The first part of number is dial-up voice-mail system.

After telephone response, send 6666 to choice voice-mail.

Before number 8888 is sent out the second “P” will have a 5 seconds delay.

#### **2.4.10 International telephone Calls**

When you want to make international call, you may keep pressing “\*” key till the screen displays international long-distance telephone prefix symbol "+". his allows you to dial a number from any country even unknowing prefix number (e.g. which in china is “86”)

With prefix number inputted, input your desired district number and complete phone number. The country code in accordance with usual practice. For example, district number of Germany is 49, that of UK is 44, and of Sweden is 46, etc.

For example: to dial hotline for service, you should dial:

+86 21 114

**+ County Code    Phone Number    Dial-up button**

#### **2.4.11 Dial the Numbers of Phonebook**

Every call you dialed or received can be saved and listed in your phone. The recent dialed and received calls are on the top of the list. Every dialed call, received call or missed call is listed in dialed calls group, received calls group or missed calls group respectively. You can view all the call records. When the groups are full, the old records will be automatically deleted. You should follow these steps to view the list.

- ◆ Press Call Key to view Call history
- ◆ All the numbers in the list can be directly dialed by pressing Call Key.

You can select **ok** to view detailed information of the chosen number. Enter **Options** and select **Save to Phonebook** to save the chosen number in your phonebook.

### 2.4.12 Emergency Number

If you are in network service's coverage area (check the upper left corner of the screen mobile phone network signal strength), you can make an emergency number. If your network provider fails to provide roaming service on such location, the screen will display "EMERGENCY" and you can only make an emergency numbers. If you are in the network coverage area, you can call emergency numbers without SIM card.

### 2.4.13 Answer Calls

If you set "press any key to answer a call", then pressing any key will answer a call (but don't press the "right soft key" and "end key" ), Otherwise, you have to press Call Key or Left Soft Key to answer call. If the headset has been inserted, you can press the headset button to answer the call. If it's not convenient for you press button, can be set to auto answer. Then your phone, if the headset has been inserted, in the ringing tone or vibration after 5 seconds, telephone automatically connect

### 2.4.14 Call Records

Your phone can record the latest call record and the total call duration (See 3.4 Call Center).

### 2.4.15 Call Menu

Select **H-Free** to activate **Hands-Free** function or **Options** to enter **Options Menu**. The operation is the same as that of function menu. Such call menu can only be seen during a call, and call waiting, call holding, and multi-parties conference need network support, please contact your network service provider.

Select Options Menu to perform the following operations.

- ◆ **Hold/Retrieve single call:**  
Hold a current call or resume a held call.
- ◆ **End single call:**  
End a current call.
- ◆ **New Call:**  
Call new call(s).
- ◆ **Phonebook:**  
Allow you to search a number in your phone book.
- ◆ **Message Center:**  
Edit and send a message.
- ◆ **Mute:**  
Not to send (send) local voice.
- ◆ **DTMF:**  
Press "left soft key" to activate or deactivate dual

## 3 Function Menus

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### 3.1 Use of Function Menus

#### Scroll Searching and Selection Function

- ◆ Press the left soft key to enter **Function Menus** in idle mode.
- ◆ In all the main menu or submenu level, the left soft key to choose functions.

#### Exit Menu

Generally, you can press Right Soft Key to exit from some menu item. Press Power/End Key to return to idle mode.

### 3.2 Phonebook

Phonebook allows you to store some important people's name, phone number, etc. From the main menu to select the phonebook or press right soft key in idle mode. Your phone can store 100 phone numbers.

In the phonebook menu, Press **Options** to perform following operations.

- ◆ **Contacts:** Into the contact list interface
- ◆ **Add new contact:** To add a new directory to telephone book.
- ◆ **Delete all:** Delete Choose from the phone / SIM 1 / SIM 2
- ◆ **Copy all:** To choose from phone to the SIM card or SIM card to the phone to copy all records of SIM cards and phones.
- ◆ **Move all:** To choose from phone to the SIM card or SIM card to the phone to move all records of SIM cards and phones.
- ◆ **Owner number:** You can edit owner number of SIM1/SIM2.
- ◆ **Preferred Storage:** Select priority storage location. Phone or SIM 1/SIM 2.
- ◆ **Memory Status:** SIM card 1/SIM card 2 and phone phonebook store information.
- ◆ **Speed dial :**The number keys can be set directly by dialing.

### 3.3 Messages

If your network support message service and you have applied to network service providers for this business, you can arbitrarily send and receive English message and multimedia information by the message service center.

#### 3.3.1 Write Message

Select **write message** and write a new message (See **4. Input Method**)

- ◆ **Send:** End write message and start the next step.
- ◆ **Save:** Save the current message
- ◆ **Writing language:** Change the input method when editing message.

#### 3.3.2 Inbox

Enter **Inbox** you can view SIM 1/SIM 2 Message. The screen will show the date of receiving the news and the number or names when you view Message in the inbox. You can use Navigation

Key or to select message. Select **OK** to view the chosen message.

According to the options do the following:

- ◆ **View:** View the Message.
- ◆ **Reply:** Send a SMS to current Message sender.
- ◆ **Delete:** Delete the current message.
- ◆ **Delete All:** Delete all the messages in **Inbox**.
- ◆ **Mark several:** Mark text messages and delete all the tag information operation.

### 3.3.3 Outbox

Enter **Outbox** you can view the message is not sent successfully. You select **OK** to view the chosen message. Select **Options** to perform following operations on the chosen message.

- ◆ **View:** View the Message.
- ◆ **Delete:** Delete the current message.
- ◆ **Delete All:** Delete all the messages in **Inbox**.
- ◆ **Mark several:** Mark text messages and delete all the tag information operation.

### 3.3.4 Settings

You have to make some necessary settings before you use the message function. Enter **SMS Settings** and perform the following settings.

- ◆ **Profile Settings:** Choose an appropriate mode for phone text message. Enter different modes to set responding names of files, message center number, message expiration and format of message to be sent.
- ◆ **Common Settings:** perform On/Off settings for Delivery report and replay path.

### 3.3.5 Memory Status

Browse storing conditions of messages stored in SIM card or in the phone.

### 3.3.6 Voice mail

You receive voice mail will be stored in the network. If you want listen to the message, you must call the voice mail number.

### 3.3.7 Broadcast Messages

- ◆ **Receive Mode:** Enable and disable.
- ◆ **Channel Settings:** Select a channel for receiving message send by cell broadcast.

**Notice: Voice Mail and Cell Broadcast service depend on the support of the network service operators. Contact them about detailed information.**

## 3.4 Call Logs

### 3.4.1 Call history

**3.4.1.1 Missed Calls:** Select **OK** to view the list of missed calls.

**3.4.1.2 Dialed Calls:** Select **OK** to view the list of dialed calls.

**3.4.1.3 Received Calls:** Select **OK** to view the list of received calls.

Select **OK** to view the information of the chosen entry, such as date, duration, number and dial

times. Select **Options** to perform following operations on the chosen entry.

- ◆ **View:** To view the information of the chosen entry
- ◆ **Call:** Dial this number.
- ◆ **IP dial:** Add the IP number call.
- ◆ **Save:** Save this number to the SIM card or mobile phone.
- ◆ **Delete:** Delete this record.
- ◆ **Edit before call:** Edit this number and dial this number.

3.4.1.4 All calls : See all call records

3.4.1.5 Clear Logs

- ◆ **Missed Calls**
- ◆ **Dialed Calls**
- ◆ **Received Calls**
- ◆ **Clear all**

3.4.1.6 Call timers

- ◆ **Last Call :** Browse last call duration.
- ◆ **Dialed calls:** Browse all calls dialed.
- ◆ **Received calls:** Browse all calls received.
- ◆ **Reset All :** Clear all call lists.

## 3.5 Settings

### 3.5.1 Profiles

Your phone provides 8 kind of phone mode for you to select or edit. They are **General**、**Meeting**、**Outdoor**、**Indoor** and **Headset**.

#### ◆ **General**

Enter Normal Mode and select **Activate** or **Customize**.

**Activate:** Activate Normal Mode.

**Customize:** Edit the settings of Normal Mode. The editable settings include ringtone, volume, ringer, reminder tone and answer mode.

#### ◆ **Meeting**

The operations are the same as Normal Mode.

#### ◆ **Outdoor**

The operations are the same as Normal Mode.

#### ◆ **Indoor**

The operations are the same as Normal Mode.

#### ◆ **Headset**

When you insert headset, your phone will automatically activate Headset Mode.

### 3.5.2 Date and time

- **Set Date and Time:** set the current time and date.
- **Format:** set the display format of time and date. Set the formats of the time and date through left and right keys.

### 3.5.3 Display

- **Wallpaper:** Select interface standby wallpaper
- **LCD backlight:** Settings the LCD time delay.
- **Brightness:** Settings the LCD brightness.

### 3.5.4 Phone settings

- ◆ **Language**  
Your phone can support languages: English,etc.
- ◆ **Shortcuts**
  - **Dedicated key:** Set navigation shortcut keys function.
  - **My shortcuts:** Setting the shortcut menu.
- ◆ **Auto keypad lock**  
Open this function, Standby interface, if the phone is not used in the specified time, the keyboard will be automatically locked up.
- ◆ **Input Method Settings**  
You can preset the word-entering methods for text.

### 3.5.5 Call Settings

#### 3.5.5.1 Call settings

- ◆ **Caller ID:** Send my phone number or not as system default
  - ◆ **Call waiting:** To open or close the call waiting feature. Select status inquiry to check the current status of call waiting.
  - ◆ **Call Divert:**
    - **All Voice Calls:** With this option on, any incoming call will be forwarded to the number you set.
    - **If Unreachable:** With this option on, the incoming call will, when you are unreachable, be forwarded to the number you set.
    - **If No Answer:** With this option on, the incoming call will, when there is no reply, be forwarded to the number you set.
    - **If Busy:** With this option on, the incoming call will, when you are on the phone with other person, be forwarded to the number you set.
    - **All Date Calls:** The incoming call will, if it is data call, be forwarded
    - **Cancel All Diverts:** Cancel all call forward.
  - ◆ **Call barring:**
    - **Outgoing Calls:** Bar any outgoing call or international call or international exclusive of national call.
    - **Incoming Calls:** Bar any incoming or roaming call.
    - **Cancel All:** Cancel all barred call settings(password required) to allow normal calls.
    - **Change Barring password:** Change password.  
**This function requires support from your network operator.**
  - ◆ **Line switching:** Switch to line 1 or 2 lines for use.
- #### 3.5.5.2 Call settings
- ◆ **Call time reminder:** To set the call time reminder.
  - ◆ **Auto redial:** With this option on, this phone will automatically redial if any call fails.



- ◆ **IP number:** You can IP dialing after turn on this function.
- ◆ **Answer mode:** To set the Answer mode.

### 3.5.6 Network setup

- ◆ Network selection
  - **New search:** To automatic search and connect to the first available network.
  - **Select network:** Research the network which belong SIM card.
  - **Selection mode:** Select of manual or automatic network selection

### 3.5.7 Security Settings

#### ◆ SIM lock

You may set for your phone security options in this menu to avoid unauthorized use of phone of SIM card, and PIN code may serve the purpose.

If currently the PIN code is disenabled, select Enable to actuate PIN code protection, and the PIN code will be demanded in the next power-on, if this code is currently enabled, select Disenable to cancel PIN code , or Change PIN number to set a new one, please follow the prompt to input old PIN code, new and repeat new.

**Notice: Upon three incorrect inputs of PIN code in a row , the SIM card will be locked up, by then, you need to input PUK code to unlock the SIM card, both codes might have been provided along with the SIM card to you, if not, please contact your network operator. The PIN code default is normally 1234, please change it into your own code.**

#### ◆ Phone Lock

Phone lock is provided to prevent your phone from unauthorized use. Select Phone lock to enable the protection by phone password which will be demanded in the next power-on, press the selection again to disenable the protection.

**Notice: The password default of phone lock is 1122, please change it into your own password.**

#### ◆ Change Password

Change password including Phone lock and private lock codes.

### 3.5.8 Restore factory settings.

The password default of phone lock is 1122.

## 3.6 File Manager

Save user documents, into the Folder Options

- ◆ **Open:** View the contents.
- ◆ **New folder:** Create a new folder.
- ◆ **Format:** Format the folder
- ◆ **Details:** View all memory and memory card remaining memory.

## 3.7 Multimedia

### 3.7.1 Audio player

Your phone has music player function which supports the following file formats: MIDI, WAV, MP3 and AMR. Inserting the memory card , connecting the phone and computer with USB and copying the MP3 to memory card menu list to enter MP3 Music Player interface, The functions of each key are as follows:

- ◆ **All songs:** Into the music list

- ◆ **Settings:**
  - List Auto Gen: Automatically produce play list.
  - Repeat: Activate the feature to repeat song playing. Select repeating songs with left/right keys.
  - Shuffle: Activate the feature to repeat song playing randomly. Open/close the feature with left/right key.
  - Background Play: Activate the feature, and the music will not stop along with exit of menu. Open/close the feature with left/right keys.
- ◆ **Help:** 1) Press center key to play/Pause the selected track. 2) Press right/left arrow key to play next/previous track respectively. 3) Press up/down arrow keys to increase/decrease the volume respectively. 4) Go to options and select stop to stop the song.
- ◆ **Stop:** Stop playing music.

### 3.7.3 Image Viewer

Photos can be related to the operation, such as: view、Set as wallpaper、Details、rename, etc.

### 3.7.4 Video recorder

Your phone has video recording function. Select Video recorder icon and press <ok> to enter animation recorder interface. In animation recording interface, press the Central Key or animation recording key to start recording. Press the key once again to pause; Press Right Soft Key to stop recording. Meanwhile, in animation recording interface, regulate exposure compensation and foci by direction keys. Press <Options> to enter submenus and perform the following operations:

- ◆ **settings:** Quality video and other related parameters set.
- ◆ **Restore default:** All the settings to their default values.

### 3.7.5 Video player

Your phone has Video playing function which supports 3GP、MP4 etc. formats. Inserting the memory card ; Select an animation to enter Video playing interface where you can play, rename, delete, delete all etc.

### 3.7.6 FM radio

Press “OK” to enter FM radio player interface, you select right soft key can exit FM. If you select left soft key, it will show below menu:

- ◆ **Power on:** Turn on the FM radio
- ◆ **Tune:** Manually enter the frequency.
- ◆ **Channel list:** Save search channels, and can be edited.
- ◆ **Volume:** Adjust the radio volume.
- ◆ **Preset auto search:** Auto search channels and auto save channel list.
- ◆ **Loudspeaker:** You can power on or off Loudspeaker.
- ◆ **Record:** Record current radio.
- ◆ **Append:** Have been recorded in the document, additional audio recording, and the final recordings will all be saved to the current document.
- ◆ **File list:** Can view all of the recording paper.
- ◆ **Settings:** Setting the recording format and recording quality.

Note: Listen to the radio plug in your headphones before

## 3.8 Organizer

### 3.8.1 Calendar

Enter submenu of tool box, select calendar and press “OK” to display the calendar. Press Up,Down,Left,Right keys to set date, and press “Options” to enter submenu before proceeding with the following operations:

- ◆ **Jump To Date:** Set the current date of the schedule as the specified date.
- ◆ **Go to today:** Back to the day.

### 3.8.2 Alarm

Under the alarm setting option menu you can set alarm on or off, alarm time, ring setting and lingering time, press left or right key to select the ring type as Daily, weekly, Monthly or Yearly; with self-definition option on, you can set your alarm by pressing the left and right keys to go off in any day from Mon to Sun.

### 3.8.3 Calculator

Enter **Calculator** and it can do some simple calculation. Enter the calculated number through keypad or touchpen. Press Right Soft Key to cancel the result or exit from Calculator. Press Left Soft Key to output the result.

## 3.9 Shortcuts

You can setting shortcuts.

## 3.10 Services

### 3.10.1 STK Service

STK service, such as M-zone and GoTone, is provided by network service provider. If it is not supported by SIM card and network service provider, you cannot use this function. For more information please contact with the network provider.

# 4 Input Method

## General Outline

This mobile phone provides many input methods. Character entry functions permitted by this mobile phone are:

- Inputting and editing of short messages
- Inputting and editing of names in the phonebook
- Looking up the phone entry by name
- - .....

## Screen Key values

The keyboard values are as follows:

Generally the **Left soft Key** indicates confirmation; the **right soft key** is to return or eliminate.

**Navigation keys (up/down and left/right keys):** Generally used to move the cursor or candidate characters for inputting.

**# key:** to switch between different input methods.

**Number keys from 2 to 9:** in the English input modes, indicate the letters on the corresponding key

## **5 T-flash Card and USB**

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You can purchase a compatible T-flash card and use it as extra storage space to save the memory on your phone.

### **5.1 Insert and Remove T-flash Card**

**The card slot is on the** right-upper of the battery. Insert the card in the slot and ensure that the contact area on the card is facing up. Press the card to release it from the slot. Do not pull the card directly; otherwise the card slot and T-flash card can be permanently damaged.

**Notice: Your phone supports plug and play. However, you'd better turn off your phone to insert or remove T-flash card when your phone is on. It can ensure the normal usage of the information. Generally speaking, you'd better not insert or remove T-flash card.**

### **5.2 Use of T-flash Card**

T-flash, which is one kind of phone storages, is set as the default storage. You do not make any setting and use it directly.

When you first insert T-flash card, you have to set it as the default storage of **Music Player**, **Video Player**. Then you can use it to store or read the information.

When you phone is connected to the computer with USB line, you can copy the data between your phone and the computer. Your T-flash is used as USB flash drives.

(MP3 is discovered by **Audio player** just when it is saved in **My Music** folder;

Video is discovered by **Video player** just when it is saved in **Videos** folder;

Picture is discovered by **Album** just when it is saved in **Photos** folder.)

### **5.3 USB**

You can connect the USB to phone or PC with dateline.

**USB portable drive**

**Power off:** You can copy the data between your phone and the computer.

## **6 Troubleshooting**

If your phone does not work normally, read the following problems and solutions for reference. If you still can't solve the problems, consult the seller or service centre.

<b>Problems</b>	<b>Reasons</b>	<b>Solutions</b>
Bad reception	Use the phone in bad reception areas such as near the high buildings or in the basement where radio wave can not be transmitted effectively.	Try to avoid it.
	Use the phone in busy-line period.	Try to avoid it.
	It has something to do with the distance of the base stations built by the network service provider.	Request the network service provider to provide the map of service areas.
Echo or noise	Bad trunk line of network	Hang up the phone and redial the number or change the line.
	The line of some area is bad.	
Standby time becomes short.	Standby time is related to the setting of network.	Turn off the phone temporarily in the areas of poor signal.
	The battery needs to be changed.	Change for a new battery.
	In the poor signal areas, the phone has to consume more power to search the base station. It shortens the standby time.	Move to the areas of good signal or turn off the phone temporarily.
The phone can not be turned on.	The battery is out of power.	Check the battery level or charge the battery.
SIM Card Error	SIM card is damaged.	Contact your network service provider.
	SIM card is not well inserted.	Ensure SIM card is well inserted.
	There is filth on the metal area of SIM card.	Wipe the metal area with a clean cloth.
The phone can not connect to network.	SIM card is invalid.	Contact your network service provider.
	Out of GSM service areas	Consult the network service provider about the service areas.
	Poor signal	Move to the areas of good signal.
The phone can not make calls.	Call Barring is activated.	Inactivate Call Barring.
	Fixed Dial is activated.	Inactivate Fixed Dial.
Incorrect PIN Code	Enter an incorrect PIN code 3 times in a row	Contact your network service provider.

The phone can not be charged.	The battery or charger is damaged.	Change for a new battery or charger.
	Bad contact	Check the connection of the connector.
New entries can not be added to the phonebook.	The phonebook is full.	Delete some entries of the phonebook.
Some functions can not be set.	The network service provider does not provide this service or you do not apply for this service.	Contact your network service provider.

**FCC RF EXPOSURE INFORMATION:**

WARNING!! Read this information before using your phone

In August 1986 the Federal Communications Commission (FCC) of the United States with its action in Report and Order FCC adopted an updated safety standard for human exposure to radio frequency (RF) electromagnetic energy emitted by FCC regulated transmitters. Those guidelines are consistent with the safety standard previously set by both U.S. and international standards bodies. The design of this phone complies with the FCC guidelines and these international standards. Use only the supplied or an approved antenna. Unauthorized antennas modifications, or attachments could impair call quality, damage the phone, or result in violation of FCC regulations. Do not use the phone with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result. Please contact your local dealer for replacement antenna.

**BODY-WORN OPERATION:**

This device was tested for typical body-worn operations with the back of the phone kept 1.5cm from the body. To comply with FCC RF exposure requirements, a minimum separation distance of 1.5cm must be maintained between the user's body and the back of the phone, including the antenna, whether extended or retracted. Third-party belt-clips, holsters and similar accessories containing metallic components shall not be used. Body-worn accessories

that cannot maintain 1.5cm separation distance between the user's body and the back of the phone, and have not been tested for typical body-worn operations may not comply with FCC RF exposure limits and should be avoided.

For more information about RF exposure, please visit the FCC website at [www.fcc.gov](http://www.fcc.gov)

Your wireless handheld portable telephone is a low power radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals. In August, 1996, the Federal Communications Commission (FCC) adopted RF exposure guidelines with safety levels for hand-held wireless phones. Those guidelines are consistent with the safety standards previously set by both U.S. and international standards bodies:

<ANSI C95.1> (1992) / <NCRP Report 86> (1986) / <ICIMIRP> (1996)

Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the ANSI Standard (C95.1). Nevertheless, we recommend that you use a hands-free kit with your phone (such as an earpiece or headset) to avoid potential exposure to RF energy. The design of your phone complies with the FCC guidelines (and those standards).

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and may violate FCC regulations.

**NORMAL POSITION:**

Hold the phone as you would any other telephone with the antenna pointed up and over your shoulder.

**RF Exposure Information:**

FCC RF Exposure requirements: The highest SAR value reported under this standard during product certification for use next to the body with the minimum separation distance of 1.5cm is **0.993W/kg**, next to the head is **1.213W/kg**. This transmitter must not be collocated or operating in conjunction with any other antenna or transmitter.

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.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

NOTE: 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

Do not use the device with the environment which below minimum -10°C or maximum over 50°C ,the device may not work.

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.