

MIO

User manual

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1 General Information

1.1 Brief

Thank you for selecting this mobile phone. Before using the product, please read carefully of all the materials accompanying the mobile phone. It will help you to use the understand the functions and how to operate this phone. This phone is designed for the GSM /GPRS network environment. In addition to the basic call function, it also provides you many functions for your work and leisure. The mobile phone adopts the personalized human-machine interface and the perfect function design can satisfy your different requirements.

****Note: Take the mobile phone as standard if the contents in this manual are different from those in your mobile phone. Our Company shall reserve all the rights to modify the content of the manual without any notice in advance.***

1.2 Safety Precautions

- If your mobile phone is lost, please inform the telecommunication department or network operator to prevent your mobile phone or SIM Card is used without authorization.
- When you contact the telecommunication department or network operator, they need to know the IMEI of your mobile phone. You can find the IMEI on the back of the phone or on the gift box label. Please keep the IMEI with care for future use.
- Please adopt the preventive measures to avoid the misuse of the mobile phone, for instance:
 - Properly set your mobile phone's SIM card and the PIN code and change the codes on time before others know them.
 - When you leave your car, DO NOT leave your mobile phone at the place that is easily to be seen. You'd better take it along with yourself or lock it in the luggage.
 - Set up the call barring.

1.3 General precautions

- Your mobile phone can only use the battery and charger specified by our Company. Any other products may cause a battery leakage, overheat, burst or fire.
- DO NOT impact, shake or toss your mobile phone violently so as to avoid the malfunction and fire occurring to the mobile phone.
- DO NOT leave your battery, mobile phone or charger in the oven or the high voltage equipment; otherwise, it may cause the battery circuit damage or fire.
- DO NOT use your mobile phone at the place (such as Gas station) with inflammable and explosive gases; otherwise, malfunction and fire may take place to your mobile phone.
- DO NOT place your mobile phone in the places with high temperatures or a great deal of dust; otherwise, your mobile phone may be damaged.
- Please leave your mobile phone at place out of the children's reach, because the children may regard it as a toy and cause physical injury.

- DO NOT leave your mobile phone on uneven surfaces to prevent it from falling and causing a damage.

1.4 Precautions for mobile phone use

- Please power off your mobile phone where mobile phone use is forbidden, e.g. on the plane or in the hospital. The mobile phone may influence the normal working of the electronic equipment or the medical equipment. In case of using the mobile phone at those places, please follow the relevant rules or regulations. The phone has a schedule power on/off function and you are required to ensure that the mobile phone will never power on automatically during the flight.
- DO NOT use your mobile phone near the weak signal equipment or the highly sophisticated electronic equipment. Radio wave interference may cause malfunction of the electronic equipment or other failures. Attentions should be paid especially to the following equipment: hearing aid, pacemaker & other medical electronic equipment, fire detector and other automatic control equipment. Please consult the equipment manufacturer or the local distributor for the influence of the mobile phone to the pacemaker or other medical electronic equipment.
- DO not press the LCD screen or strike any other objects with it, otherwise, a damage and leakage may take place to the LCD. If the liquid comes to your eyes, there will be a danger of blindness. In such a case, wash your eyes with water (Note: DO NOT rub your eyes) and then go to the hospital for medical treatment.
- DO NOT disassemble or remount your mobile phone; otherwise, damage and circuit failures maybe happen.
- In a few circumstances, when the mobile phone is used in the cars of some models, the electronic equipment in the auto will affected by it. In such cases, DO NOT use your mobile phone so as to ensure the safety.
- Please DO NOT press the keys with sharp things, such as needle or stylus; otherwise damage or mis-operation may occur to the mobile phone.
- If the antenna is damaged, DO NOT use your mobile phone; otherwise, it may cause a physical injury.
- Keep the mobile phone far away from the magnetic objects, such as the magcard, for the radiation may clear the information on the floppy disk, store value card and credit card.
- Please keep the tiny things, such as thumb pin away from the handset of the mobile phone. During working the speaker has magnetism, which may magnetize those tiny metal pieces and therefore causes a physical injury to human or damage to the mobile phone.
- Keep the mobile phone from wetting, for water and other liquids coming to your mobile phone may cause overheat, leakage or malfunction to the mobile phone.

1.5 Precautions for battery usage

- DO NOT throw the battery into the fire; or it may cause a fire and burst.
- When installing the battery, DO NOT press the battery forcibly; or it may cause a leakage, overheat, burst or fire.
- DO NOT use the electric wire, needle or other metals to make a short circuit or do not leave the battery with such metals as necklace; otherwise it may cause a battery leakage, overheat, burst or fire.
- DO NOT weld the ends of the battery; or it may cause a leakage, overheat, burst or fire.
- If the battery electrolyte enters the eyes, there is a possibility of blindness. In such case, DO NOT rub your eyes. Please wash the eyes with clear water and then go to the hospital for medical treatment.
- DO NOT disassemble or remount the battery or it may cause a leakage, overheat, burst or fire to your mobile phone.

- DO NOT use or place your mobile phone in the high-temperature places, such as by the side of the fire or the heater; or it may cause a leakage, overheat, burst or a fire to your mobile phone.
- If there is a temperature rise, color change or a deformation during the course of the usage, charging or storage, please stop using the battery and change for a new battery.
- If the battery electrolyte comes into contact with skin or clothes, it may cause the skin burnt. In such a case, wash the skin and clothes immediately and then go to the hospital at once.
- If the battery electrolyte leaks or sends off an odd smell, please take it away from the flammable fire so as to avoid fire or burst.
- Keep the battery from wetting; or it may cause overheat, smoke or erosion to the battery.
- DO NOT use or keep the battery where the sunlight shoots from a right angle or near the car; or it may cause overheat or leakage to the battery, which may lower the performances and shorten the service life of the mobile phone.
- DO NOT continuously charge the battery for more than 24 hours.

1.6 Precautions for usage of charger

- Please use 220V alternative current; or it may cause leakage, fire or damage to the charger.
- Short circuit of the charger is forbidden; or it may cause an electric shock, smoke or damage to the charger.
- DO NOT use the charger when the power supply wire is damaged; or it may cause a fire or an electric shock.
- Please clean the accumulated dust covering the power socket.
- DO NOT leave the water container near the charger so as to avoid water from spilling to cause overheat, leakage or failure to the charger.
- If the charger contacts water or any other liquids, pull out the power plug from the socket immediately so as to avoid overheat, fire or failure to the charger.
- DO NOT disassemble or remount the charger or it may cause a physical injury, an electric shock, a fire or damage to the charger.
- DO NOT use the charger in the bathroom or it may cause an electric shock, fire or damage to the charger.
- DO NOT touch the charger, wire or power supply socket with a wet hand; or it may cause an electric shock.
- DO NOT place the heavy object on the power supply wire or refit the wire; or it may cause an electric shock or fire.
- Before cleaning and maintenance, pull out the plug from the power supply socket.
- Hold the charger when pulling out the plug from the socket, for pulling the cable may cause damage to the wire, an electric shock or fire.

1.7 Cleaning and Maintenance

- The mobile phone, battery and charger have no waterproof performance, so please DO NOT use them in the environment with a high temperature, such as bathroom, and avoid being damped by rain as well.
- Please use the soft and dry cloth to clean the mobile phone, battery and charger.
- DO NOT use solvents, such as alcohol, thinner or benzene to clean the mobile phone.
- The plug with dirt is most likely to cause contact failure and power down so that the mobile phone can not be recharged. Hence please clean the mobile phone regularly.

1.8 General Precautions

- Mobile phone
- Please use the mobile phone under the temperature ranging from 50C to 400C with a humidity ranging from 35% to 85%.
- When using the mobile phone, keep as far as possible away from the general phone, TV, radio and office automatic equipment so as to avoid affecting the normal performance of the equipment and the mobile phone.
- Battery
- The battery should be left in place where the sunlight shoots from indirect angles and the ventilation is good.
- The service life of the battery is limited. The service time of the battery is shortened with the frequent charging. When it is of no effect to charge for several times, it only means that the battery is exhausted and the mobile phone should be replaced with a new battery of the specified mode.
- DO NOT throw the old battery into the domestic rubbish. Dispose the exhausted battery according to provisions specified by relevant authorities.
- Charger
- DO NOT charge the battery in the places where the sunlight shoots from right angles; the ambient temperature is lower than 50C or higher than 400C; the place is damp or dusty or of too much vibration (failure may occur); the location is near the electronic appliances, such as TV, radio etc.(image or sound may be probably affected)

2 Before Use

2.1 SIM card

Before using the mobile phone, you should insert the valid SIM card, which is the key for you to enter the GSN network.

All the information related to the creation of the connection to the network and initial call records will be recorded in the metal plane area of the SIM card as well as the names, telephone numbers and SMS stored in the phone book on the SIM card. The SIM card can be taken out from your mobile phone and can be placed in any one of the GSM mobile phones for use (the new mobile phone will read the SIM card automatically).

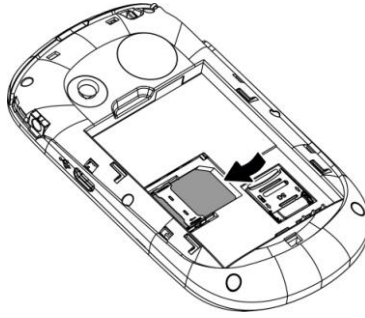
To prevent losing and damaging of the information in the SIM card, please DO NOT touch the metal plane area and the SIM card should be kept far away from electromagnetism. Once the SIM card is damaged, you can not enter into the GSM network.

****Note: Please do power off your mobile phone before pulling out the SIM card. It is forbidden to insert or pull out the SIM card with the mobile phone connected to the external power supply; otherwise, the SIM card is most likely to be damaged.***

2.1.1 Insert and pull out the SIM card

- The SIM card is generally placed in a card. Before installation, take cautions to take out the SIM card.
- Power off your mobile phone and then remove the battery and other external power supply.
- Insert the SIM card into the SIM card slot.

- When you need to pull out your SIM card, please power off your mobile phone firstly, remove the battery, pull out your SIM card

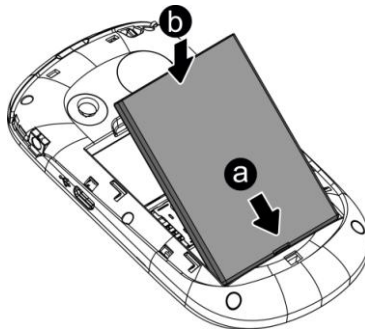


2.2 Battery

- The initial battery is of 50% charge, so it can be used right after being unpacked. The new battery should be charged at least for 14 hours. Only when the initial battery is exhausted thoroughly (the electricity quantity runs out and the mobile phone can not power on) can the battery be fully recharged for use, so does the second time charging. Only when recycled for three times in this way can the battery works in the best condition easily.

2.2.1 Pull out and install the battery

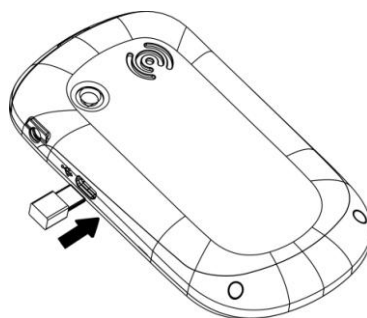
- Follow the following steps to pull out the battery: 1) Push down the back cover; 2) Pull the battery upwards and get it out.
- Follow the following steps to install the battery: 1) Insert the battery into the battery slot; 2) Push the back cover upwards until it is held tightly.



2.2.2 Charge the Battery

- Connect the batter charger to a power supply;
- Insert the plug of the battery charger into the right side of the mobile phone (note: with arrow face upwards).
- Then the power quantity indicator in the upper right corner of the mobile phone screen will flicker. If the phone has been powered off, the screen will display “charging” and this indicates that the battery is being charged. If the phone is still in use despite of lack of power, the power indicator may take some time to appear on the screen.
- If the power indicator is full and stops to flicker, this means that the charge has been finished. This process often takes 3 to 4 hours. It is normal that, during charge, the battery, mobile phone and battery charger become hot.
- After the charge is completed, please disconnect the AC power supply socket and the mobile phone with the

battery charger.



***Note:**

--During the charge, the handset should be placed where the ventilation is good and the temperature is between +5⁰C to +40⁰C. In addition, you should use the charger provided by the manufacturer, for the unauthenticated chargers may cause danger and disobey the recognition and maintenance clauses of this mobile phone.

--When your mobile phone automatically powers off or displays the warning of “Low Power”, you should charge the battery in time. In case the battery has not run out before charge, the mobile phone will shorten the charge time automatically.

--The standby time and call time provided by the manufacturer is based on the ideal working environment. During the practical use, the battery’s service time changes with the network condition, working environment and use mode used.

--Before charging the battery, please make sure that the battery is properly inserted and it is forbidden to take it down during charging. .

--When charge is over, please disconnect the charger with the mobile phone and the battery.

If you do not disconnect the charger with the power supply and the mobile phone, after a long time (about 5 to 8 hours), the power of the battery will drop to a certain level and the mobile phone will resume charge once again. We do not recommend you to do so, for this will affect the performance and service life of the battery.

--This mobile phone does not support USB port, so you can not connect your mobile phone with PC through USB, it just use to charging the battery.

2.3 Power on

- Long press Hang Up key to power on the mobile phone and also long press the Hang Up key to power off your mobile phone.
- If you power on the mobile phone without inserting the SIM card, the mobile phone will prompt you to insert the SIM card. After the SIM card is inserted, the mobile phone will automatically check whether the SIM card is ready for use or not.
- Then the screen will give the following prompts:
 - -Input PIN (If you have set password for SIM card) (Please refer to the section 4.8.5. “security settings” for detail operations)
 - -Input the mobile phone’s password (if you have set the lock-code) (Please refer to the section 4.8.5. “security settings” for detail operations)
- When the SIM card is successfully decoded, the mobile phone will automatically search the available network (the screen displays “search network”)
- Once established connection, the name of the network supplier will appear on the top of the screen. This means that the mobile phone is in “standby” mode and it is available for used.

****Note: If the screen prompts “Emergency”, this means that you are out of the normal network scope (service scope), but you can still make the emergency call according to the signal intensity.***

2.4 The use of USB data route

The method of using USB data route: Input one of the port into the computer, and then input the other port to the phone, after that you can transfer the data between the computer and the phone. When you are charging, the icon for the charge is moving. If the charging is finished, the icon will stop moving. You can use the phone as a U disk after the phone power off.

The phone supports the USB, you can copy and move the file between the phone and the computer after you link the USB with the computer. You can view the information in the T-Flash card.

****Note :***

--Please power off the phone before you connect the phone with the computer, after the phone connecting up, you will find information of the USB on the computer, and then you can read the file into my computer. If there is not information, you must check your phone’s USB port and insert it again.

--If you connect the phone with computer when the phone is powering on, there are three items displaying on the phone, you should select the “mass storage”, and then you can copy or move the file between the phone and the computer.

--After that, you need double click the USB icon in the right corner of the computer, and then select “stop”, now you can withdraw the USB from the computer and the phone. DO not withdraw the USB from the computer directly, or the data in the T-flash card will be lost, and it can also damage the phone.

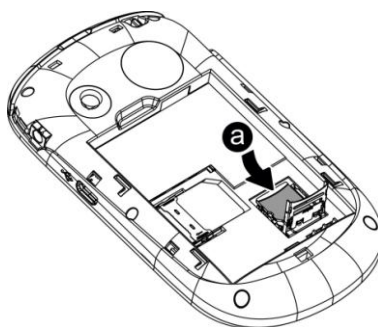
You must do it on the computer which is the Windows2000 or SP2.

2.5 Install and pull out T-flash card

This mobile phone supports T-flash card, which is a kind of multimedia memory card used to increase memory of the mobile phone. It is so small that you should take cautions to install or pull it out in order to avoid damage. The method to install/ pull out T-flash card:

1. Power off the mobile phone, set memory card with the metal face downward to the memory card slot.

To pull out the memory card, power off the mobile phone, take out the T-flash.



****Note: The mobile phone does not support hot-plug function of T-FLASH in “power on” mode. Only when the mobile phone is powered off can T-FLASH be pulled out. Restart up and T-FLASH will come into effect.***

When using or editing files stored in the memory card, DO NOT pull out the memory card.

3 Basic Description

3.1 About the Keypads



3.2 Call functions

- When the logo of the network service provider appears on the screen, you then may make or answer a call. The info bar indicates the signal intensity on the top left screen (the 4-scale info bar means the signal is the strongest).
- Call quality performs variedly under the influence of the obstacles. Therefore the movement in a small scope may improve the signal intensity effectively.

3.2.1 Make a call

- Domestic call:
- You can input the telephone number via numeric keys to input the telephone number you want. Press the dial key. If you need to change the telephone number, press the right soft key to delete the inputted characters. During the dialing, the screen will display a “dialing” cartoon. The screen will display the call status information. If the answering tone is switched on, there will be a warning tone.
- When the call ends, please press Hand-up key to end the call.
- zone code + dial number + Dial key
- Dial the extension to a fixed phone:

- Because some of the extensions to the fixed phones can not be got through directly, you need to dial the switchboard and then the extension to the fixed phone. When you input the telephone number, if insert character “P” between the switchboard number and the extension number, the mobile phone will complete all the dialing for you, i.e. automatically dial the extension and get through. Input character “P” as below: Long press “*” key (“P” will appears on the screen).
- Zone code+ switchboard number+ P + extension number + dial key
- International call:
- To make an international call, long press “*”key until the international long distance call prefix symbol “+”appears on the screen. This allows you dial in any country even if you do not know the local international call prefix (e.g. it is 00 in China).
- After the prefix is input, enter the zone code of the country you want and the complete dial number. The zone code is usually subject to conventions, 49 for Germany, 44 for U.K. and 46 for Sweden, etc.
- Like dialing a long distance call, “0” in the city code should be dropped when dialing.
- E.g. To dial the service hot line of other countries, you should dial:
- +86 21 114
- +country code+ the complete dial number+ dial key
- Emergency call
- If your mobile phone is within the network coverage (you can check the network signal intensity bar on the top left corner of the screen), you will be able to make an emergency call (the emergency call can be made without the SIM card). If the network supplier provides no roaming service in the region, “Emergency Call” will appear on the screen to tell you that you can only make this kind of calls.

3.2.2 Answer a call

- In a normal condition, when there is an incoming call, press the dial key to answer the call.
- If the “any key for answer” is set on, then you can press any key to answer the call.
- If the handset is inserted, you can also press the keys on the handset to answer a call. If it is not convenient, you can set “auto answer” to on and make sure that the handset is inserted. The call will be automatically got through after two seconds’ ringing or vibration.

3.2.3 Reject a call

- When there is an incoming call, press Hang-Up key to reject the call.

3.2.4 Menu available during a call

- During a call, you can press Option key to enter call menu. The operation method of the call menu is the same with that of the function menu.
- The call menu can only be seen during a call. Besides, functions, such as call waiting, holding on a call, and multiparty meeting, need to be supported by the network. Please contact with your network provider.

- In the call menu, you can do the operations as follows:
- Hold single call: hold on the current call or restore the held call.
- End single call: end the current call.
- New call: make a new call.
- Phonebook: enter the phone book menu.
- Messaging: enter the Message menu.
- Sound recorder: record the call voice.
- Mute: do not send/ restore sending of local voice.
- DTMF: Enable or disable DTMF (dual-tone multi-frequency).
- Multiparty conversation
- Swap: switch the holder with activator
- Conference: start a telephone meeting.
- End Single call: end the currently activated call.
- End all calls: end all calls of the conference.
- Transfer: transfer current call to another mobile phone.
- New call: make a new call.
- Phonebook: enter the phone book menu.
- Messages: enter the Message menu.
- Sound recorder: record the call voice.
- Mute: do not send/ restore sending of local voice.
- DTMF: Enable or disable DTMF (dual-tone multi-frequency).

**Note. Some of the menus only appear in the specific circumstances, e.g. “Swap” only appears “during a call” and “hang up” call.*

3.3 Hand-free function

- When you make a call, press the Right Soft Key to have a Hand-Free call.

4 Menu Introduction

4.1 File manager

- Application Functions
 - Open: display the contents in the folder.
 - New Folder: create a new folder in current folder.
 - Format: format the folder.
 - Rename: change the name of file or folder.
 - Delete: delete file or folder.
 - Sort by: sort files or folders.
- Folder Functions
 - Audio: default storage path of record audio you have taken.

My Music: default storage path of mp3 you have taken.

Videos: default storage path of videos.

Images: default storage path of images.

Photos: default storage path of photos you have taken.

E-book: default storage path of e-books you have taken

Received: default storage path of document you have received.

4.2 Phone book

➤ You may make full use of phone book to store some name, mobile phone number, family number, company number and so on. Please choose “phone book” from main menu, and then enter it. Quick search: choose this option to enter into the phone book browse interface. On the lower part of the screen there is a search box, and you can input relevant information to filter the telephone record.

You can see the following options in phone book detailed:

- View: view the details of the contact.
- Send text message: edit text message and send it to this number.
- Send multimedia message: edit multimedia message and send it to this number.
- Call: call this number.
- Edit: edit this number and then save it to phone book.
- Delete: choose this function to delete the contact.
- Copy: Copy the contact.
- Move: Move the contact.
- Caller groups: The mobile phone provides you with five incoming groups. You can change the group name, call ring, incoming picture to every group; or add or delete the group member.
- Phonebook settings:
 - ◆ Preferred storage: choose the priority for the storage location- the mobile phone or SIM or All.
 - ◆ Speed dial: set quick dial. In standby interface, press and hold corresponding number key and you can call the specified number.
 - ◆ My number: Choose this option to edit or transfer detailed data of the record user.
 - ◆ Extra numbers: the numbers stored in the SIM 1 or SIM 2, e.g. the number of this mobile phone, service number, which you can check and modify.
 - ◆ Memory status: Choose this option to check the phonebook information in the SIM card and in the mobile phone
 - ◆ Copy contacts: copy all the records in the mobile phone or the SIM card: both SIM card to mobile phone and phone to SIM card are workable.
 - ◆ Move contacts: move all the records in the mobile phone or the SIM card: both SIM card to mobile phone and phone to SIM card are workable
 - ◆ Delete all contacts: choose this function to delete phone record all from SIM card or mobile phone. One by one delete available too(note: must enter password to delete all when deleting phone number in SIM card and this mobile phone, default password is 0000)

4.3 Games

4.3.1 Games

This mobile phone provides three game—Riches, Copter, Panda. Refer to the instructions in the game for operation.

Games Settings:

- **BGM:** enable/disable background music of the game.
- **Sound Effect:** enable/disable game operation music.
- **Vibration:** enable/disable game vibration
- **Volume:** Set the volume of the games.

4.4 Call Center

4.4.1 Call history

In standby mode, press the center key to go to the main menu, and then select the call center to view the phonebook and call log.

Call center include the following sub-menus: Call history and General call settings.

In the **Call history**, you can carry out the following operations:

- **Missed Calls:** record for missed calls.
- **Dialed Calls:** record for dialed calls.
- **Received Calls:** record for received calls.
- **Delete Log:** delete the record of missed calls, or dialed calls, or received calls.

4.4.2 Call settings

- **Call settings: you can set call waiting, call divert, call barring, line switching.**
 - **Call waiting:** you can set this function on or off, and can also view the current settings via query.
 - **Call divert:** You can set to divert the incoming calls in different cases.
 - **Call barring:** In order to activate this service, it requires the services provided by the network service provider.
 - **Outgoing calls:** You can select to bar all calls, international calls, or excluding international calls.
 - **Incoming calls:** You can select to reject all incoming calls, or incoming calls when roaming.
 - **Cancel all:** cancel all option settings. When carrying out the operations for these options, it is required to forbid password operations.
 - **Change barring password:** You need to input the old password.
 - **Line switching:** switch between line 1 and line 2. It is up to the network service provider if you can make calls on line 2.
- **Advance settings**
 - **Auto redial:** enable or disable Auto Redial when the other party is busy or the call isn't answered.

- **Call time reminder:** enable or disable Call Time Alert (beep) in the calling process and set the alert period.
- **Answer mode:** enable/disable “Any Key Answer” and cover answer.

4.5 Messaging

➤ The message services can only be used if they are supported by your network or your service provider and you have subscribed to them. Also appropriate settings need to be in place.

Note: When sending messages, your phone may display the words **Message sent. This is an indication that the message has been sent by your device to the message centre number programmed into your device. This is not an indication that the message has been received at the intended destination. For more details about messaging services, check with your service provider.*

4.5.1 Write message

Write Message: access submenu “Write Message” to input short message.

- **Send to:** Choose this option to access recipient edit box, and you can press number keys to input telephone number or press Search to bring out Contacts and choose a number and then press OK to send.
- **Input method:** Change the input method when editing message.
- **Save to Drafts:** Not send this message, just store it.

4.5.2. Inbox

- View received messages. When the messages list of Inbox appears, you can press OK to read the message. You can press Option to perform the following operations.
- **Reply:** reply the sender.
 - **Call sender:** call the number of the sender.
 - **Forward:** forward this message.
 - **Delete:** delete this message.

4.5.3 Drafts

- Save messages which will be sent later. When the messages list of Drafts appears, you can press OK to read the message. You can press Option to perform the following operations:
- **Send:** send the message.
 - **Edit:** pick up and edit the contents of the message.
 - **Delete:** delete the message.

4.5.4 Outbox

- View sent messages. When the messages list in Outbox appears.

- You can press OK to read the messages. You can press Option to perform the following operations:
 - Resend: forward this message.
 - Edit: edit the message
 - Delete: delete the message.
 - Delete all: delete all the messages in Outbox.

4.5.5 Sent messages

- You can view the sent messages.

4.5.6 Delete messages

- Can delete the messages from Inbox, Drafts, Outbox, Sent Items, or delete all

4.5.7 Broadcast Message

- Receive and read the messages from Cell Broadcast.

**This function needs to be supported by network operator.*

4.6 Message settings

4.6.1 SMS

- Message settings: perform the following settings
 - Profile Setting: select a suitable mode for mobile phone short message. Access the mode and you can set the name, SMS center number, validity and sending format.
 - Voicemail server
The functions of Voicemail are as follows:
Edit: set the name and telephone number of voicemail.
Call voice mail: dial and connect to Voicemail.
 - Common Settings: set whether enable message report or reply path.
 - Memory status: view the status of SIM or mobile phone memory.
 - Preferred Storage: save messages in mobile phone or SIM.
 - Preferred connection: can allow user select “Prefer GPRS”, “Prefer GSM”, and “GSM only

4.6.2 MMS

MMS includes text, picture and audio. With Multimedia Messaging Service (MMS), you can not only send or receive pictures and text, but also receive the audio files attached in the message and enjoy its abundant contents.

This mobile phone supports receiving and sending and receiving MMS.

It supports MMS of multiple pages, i.e. each page contains a picture, a piece of music and text, and the MMS is

made up of several pages of this type. If the MMS contains picture, the mobile phone will adjust the picture automatically to make it displayed on the screen.

* Note: This function needs to be supported by network operator.

- Write Message: Create a new multimedia message. You need to input the Recipient, Cc, Bcc, Subject and Content.
- Inbox: view received multimedia messages. (The operation is same as Inbox of SMS)
- Outbox: Save multimedia messages that haven't been sent. (The operation is same as Outbox of SMS)
- Drafts: Save multimedia messages which will be sent later. The messages are saved in Outbox after sending.
- MMS Settings: set the parameters of sending and receiving multimedia message.
- Data account: select the correct data account profile.
- Common settings:
 - Compose: enable this function and only the pictures and ring tone that accord with MMS specification can be sent.
 - Send: set the parameters of sending multimedia message. For example: Validity, Sending Report, Reading Report, Priority, Interval, Sending Time, etc.
 - Retrieve: set the parameters of receiving multimedia message. For example: home network, roaming network, send reading report, allow sending report, etc.
 - Preferred storage: Set to store the message to phone memory or memory card.
 - Memory Status: check the status of mobile phone memory.

4.6.3 Service message

Service message settings:

- Enable push
- Enable service loading

4.7 Multimedia

4.7.1 Camera

User can press the Center key to take pictures.

The camera options include:

- Photos: view saved pictures.
- Camera Settings: set the parameters of camera.
- Image Settings: set the size and quality of pictures.
- White balance: select the brightness of pictures.
- Scene Mode: select shooting mode.
- Effect Settings: set the special good effect of pictures.
- Storage: select the storage position of pictures.
- Restore default: Restore all camera settings to factory default.

4.7.2 Image Viewer

View the pictures in mobile phone and memory card.

- View: view saved pictures.
- Image information: picture information, such as File name, Date, Size, Image width and Image height
- Browse style: change the view mode of pictures in album, matrix or list.
- Send: can send the selected picture via MMS or Bluetooth.
- Use as : send the picture as wallpaper and screen saver
- Rename: change the file name of selected picture.
- Delete: delete the selected picture.
- Sort by: sort the pictures in the folder according to name, type, time or size.
- Delete all files: delete all the pictures in Album.
- Storage: change the default path to access and take pictures.

4.7.3 Video Recorder

This mobile phone provides video recording function. Select menu “Video Recorder” and press the Center key to record video.

Press Option to access:

- Camcorder Settings: select this option to set parameters of recorder.
- Video settings: set the quality of videos.
- White balance: select the brightness of videos.
- Effect Settings: set the special good effect of videos.
- Storage: Save in mobile phone or memory card.
- Restore default: Restore all settings to factory default.

4.7.4 Video Player

Play saved video. Available options are:

- Play: play selected video.
- Send: send the selected video via MMS or Bluetooth.
- Rename: change the file name of selected video.
- Delete: delete the selected video.
- Delete all files: delete all the saved video.
- Sort by: sort the video in the folder according to name, type, time or size.
- Storage: Select the path to read files: mobile phone or memory card.

4.7.5 Audio Player

You can press up key in the standby interface to enter audio player quickly. In playing list interface, press left soft key to access settings of music.

- Play: play the selected track.

- Details: view the details of the music.
- Refresh list: update the playing list.
- Settings: set multimedia playing.
- 1. Pre. Play list: set default access path.
- 2. List auto gen.: update list automatically or not when power on.
- 3. Repeat: enable this option to repeat playing music.
- 4. Shuffle: enable this option to play in random.
- 5. Background Play: if this option is enable, the music player will playback the music on the background.
- 6. Bluetooth settings: Set Bluetooth connecting.

4.7.6 FM radio

- The FM Radio supports auto scan and manual input.

Warning: Adjust the volume properly when you listen to the radio. Continuous high volume may damage your hearing.

You can make or answer a call when you are listening to radio. If the background playing is activated, the FM Radio is off automatically when you are calling and resumes when the call ends. You can also listen to the radio even without a SIM card.

- Switch on/off: in FM Radio interface, press the Down key to switch on/off the FM Radio.
 - Scan: in FM Radio interface, press the Left/Right key, and then press the Up key to scan channels automatically.
 - FF/FR: in FM Radio interface, press the Left/Right key to scan channels manually.
 - Volume: press “-” and “+” key to adjust the volume.
 - In FM Radio interface, press the Left key to access options:
 - Channels List: display the channels list.
 - Manual Input: input the identity code of radio channel manually.
 - Auto search: scan radio channels automatically and display the radio channels.
 - Settings: set the background playing and activate/deactivate the speaker.
- * Note: You need to insert an earphone to listen to the radio.

4.8 Organizer

4.8.1 Calendar

Access the Calendar submenu.

Press the Left/Right key to select date, press the Up/Down key to select week and press Option to access submenus.

- View: view the created memos.
- View all: View all the created memos.
- Add event: create new memo.
- Delete event: Delete the created memos.
- Jump to Date: jump to specified date.
- Go to today: jump to the phone current date.

- Go to weekly view: view the calendar in week (month).

4.8.2 Tasks

Add task: create a new agenda and add a clock alarm. Five options can be chosen as follows: one time, every day, user-define, each week and each month.

- View: view the saved tasks.
- Add : Add new task
- Edit: edit the saved task.
- Search: search the saved tasks by time or by subject
- Delete: delete selected task.
- Delete overdue: delete overdue tasks.
- Delete All: delete all saved tasks.
- Jump to date: jump to specified date.
- View uncompleted: view the tasks which not yet complete
- Send vcalendar: send selected task via sms, mms, or bluetooth.
- Save as file: save task to phone or memory card.

4.8.3 Alarm

- Switch: activate/deactivate the alarm clock.
- Time: set the time of ringing.
- Repeat:
 - Once: the clock alarms only once.
 - Everyday: alarm at specified time everyday.
 - Custom: set the time that the alarm rings in a week.
- Alarm tone: select ring tone or FM radio as the alarm.
- Snooze (mins): set the snooze time.
- Alert type: select the alarm mode, e.g. Vibrator and Ring, Ring, Vibrator.

4.8.4 World clock

You can look up the time of major cities around the world and set the time as your display time of your device. Press direction keys to view the time of major cities in other countries.

4.7.5 Notes

You can write note and save it to the phone

4.8 Settings

4.8.1 Phone Settings

- Time and date: Set city, time and date.
 - Set Home City: select a city.
 - Set Time / Date: set current time and date
 - Set Format: set the displaying format of time and date.
- Schedule Power on/off: set the time at which the mobile phone powers on/off.
- Language: set the displaying language of mobile phone menus.
- Preferred Input Methods: select a default input method.
- Display Characteristic:
 - Wallpaper: select standby interface wallpaper.
 - Screen Saver: choose a screen saver picture for standby interface and set waiting time.
 - Show Date and Time: enable/disable displaying current time in standby interface.
- Dedicated Key: select a shortcut for a function.
- Flight mode: select flight mode to disable GSM connection.
- Misc. Settings
 - LCD backlight: set the brightness and time of backlight.

4.8.4 Network Settings

- Network Setup:
Network selection:
 - New search: re-subscribe to newly scanned network.
 - Select Network: select network for the SIM card.
 - Selection Mode: select Manual or Auto.

Preferences: Pre-store several networks.

GPRS connection: Set “when needed” or “Always”

4.8.5 Security Settings

- Security setup:

You can set security options in this menu to avoid illegal operation of the mobile phone or SIM.

- SIM lock: the PIN code can prevent your SIM card from illegal operation. If the PIN code is disabled, select Enable and you can start PIN code protection. The mobile phone asks you to input the PIN code the next time you switch on the phone. If the PIN code is enabled, select Disable and you can stop PIN code protection. Select Change PIN code and you can set new PIN code. Please input old PIN code, new PIN code and repeat new PIN code according to the prompt.

****Note: If you input invalid PIN code for three times continuously, the SIM card is locked and you need the PUK code to unlock the SIM card. The PIN code and PUK code may be provided together***

with SIM card. Please contact your network operator if not.

- Change password: change the password, including PIN, PIN2 and phone password.

**Note: Certain functions need to be supported by network operator.*

➤ Auto Keypad Lock:

- Set the waiting time of keypad lock. After setting, the keypad is locked automatically if the mobile phone hasn't been used in specified time

4.8.6 Connectivity

4.8.6.1 Bluetooth

This mobile phone supports Bluetooth wireless connection. You can establish wireless connection between mobile phone and Bluetooth hands-free vehicle communication device, computer or handheld device to realize voice communication, data exchange and synchronization. Available options are:

- Power: activate/deactivate Bluetooth function.
- Visibility: enable/disable the authority of Bluetooth being searched.
- My Device: display current and ever connected Bluetooth devices.
- Search audio device: search for peripheral Bluetooth devices and connect.
- My name: change the name of Bluetooth device of this mobile phone
- Advanced:
 - Audio Path: change the output device of audio.
 - Storage: save received files in mobile phone or T-flash card.
 - Sharing permission: set sharing directory which is read-only.
 - My address: view the address of this mobile phone.

4.8.7 Restore Factory Settings

Restore the functions of mobile phone to default.

**Note: The default phone password is 0000.*

4.9 User profiles

You can select different modes on different occasions to carry out the personal settings in the environment modes such as ring tone, vibration, volume, etc. This function makes it possible to get adjusted to different situations without changing the ring tone settings at multiple places, and you only need to switch to the pre-set environment mode.

- ◆ **General mode:** It is ringing alert by default;
- ◆ **Silent mode:** It does not have ringing and vibrating alert
- ◆ **Meeting mode:** It is vibrating alert by default;
- ◆ **Outdoor mode:** It uses the maximum volume, vibration + ringing alert, by default;
- ◆ **My style mode:** You can set your own alert mode.

In every mode, you can edit the following in a separate manner:

- ◆ **Alert type:** 4 manners are available: ringing, vibration, vibration and ringing, and vibration then ringing.

- ◆ **Ring type:** Single, Repeat or Ascending.
- ◆ **Incoming call:** set the tones for incoming calls, power on, power off, messages tone and keypad tone, respectively.
- ◆ **Ringtone volume:** set the incoming ringtone volume
- ◆ **Message:** set the tones for message
- ◆ **Message volume:** set the message tone volume
- ◆ **Keypad:** set the keypad tone
- ◆ **Keypad volume:** set the keypad tone volume
- ◆ **Power on:** set the power on tone
- ◆ **Power off:** set the power off tone
- ◆ **System alert:** switch on or off the system alert

4.10 Extra

4.10.1 Calculator

Press the Direction keys to input the four operators +, -, ×, ÷.

Press the Right soft key to clear last number or result; press the Right soft key “Back” to exit calculator and press the Left soft key or OK to calculate.

** Note: The precision of the calculator is limited and there are errors, especially when it is indivisible.*

4.10.2 Stopwatch

It is a timer. Common stopwatch and multi-directional stopwatch are available.

- Typical Stopwatch:
 - Split Timing: record the time of every circle or every person.
 - Lap Timing: record the circle time of a person.
 - View record: view the recorded time.
- nWay Stopwatch: you can press the Direction keys to record the time of four persons and the total time. When the timing is stopped, press and hold the Left soft key to clear the records

4.10.3 ebook reader

- Open E-Book: open and view the E-Book file.
- Clean up bookshelf: refresh the bookshelf.
- Global settings: set the font size etc. in the file.
- Book info: view the heading and size of the file.
- Delete: delete the current E-Book file.
- Delete all file: delete all the E-book file.
- Sort by: sort the file according to the date, size or the style.
- Apply global settings: apply the global setting.
- Help: help you to use the E-Book reader.

4.10.6 Torch

You can turn on/off the torch.

4.11 Services

STK: its full name is SIM Tool Kit. It is a kind of new service of GSM. It can provide you with flexible information functions, such as stock information, traffic information, and weather information. The functions provided by SKT will be subjected to the network operators. Such service is based on the supports of SIM card and network.

4.11.1 Internet service

This phone provides a WAP browser for your convenience of surfing on Internet. You must gain a permit based on a registration at the network operator. The use can be available after related options have been well set.

4.11.2 Facebook and Twitter

Can connect to the Facebook and Twitter via this phone

4.12 Shortcuts

Access main menu, select shortcut function and access the setting of shortcuts. Setting method:
Select a shortcut in main interface of shortcuts and press the Left soft key to edit. Select a menu, then press the Left soft key to confirm and the setting of this shortcut is finished.

5 Common Problems.

5.1 When the mobile phone displays “Insert SIM”?

1. Contact between SIM card and mobile phone is bad or the SIM card is not inserted.
2. Change the SIM card and try again. The SIM card may have fault if the mobile phone operates normally. Please contact your network operator.
3. If there is oxidation on the surface of SIM card or SIM card slot of the mobile phone, please wipe with alcohol or clean cloth.

5.2 Checking and precautions of PIN, PIN2, PUK, PUK2 and password:

1. Please consult local network operator.
2. The SIM card is locked if you input invalid PIN code for three times continuously.
3. Please consult SIM card operator for PUK code.

5.3 Network connection fails

1. The signals in your local place are weak or have shielding. Please move to other places and try again.

5.4 You can't be heard

1. Make sure whether it is network problem and try again.
2. The communication lines in some places are bad. Please move to other places and try again.
3. The trunk line of network operator is bad.

5.5 Can't charge the battery

1. The contact between charger and mobile phone is bad. Make sure whether the installation is proper.
2. Check whether the battery is valid. The battery performance drops after several years.

5.6 Weak signal

1. If the local network signals are unstable, the signals the mobile phone receives won't be stable. Please move to other places and try again.

5.7 Can't make a call

1. The local network signals are weak and please move to places with strong signals and try again.
2. Local network operator is busy. Please try again later.
3. Check whether Hide Number is enabled. You can't make a call if the local network operator doesn't support this function and you have enabled it.

5.8 Standby time becomes short

1. The standby duration depends on the intensity of local network signal.
2. It is affected by environment temperature, base station distance, etc.

Warning

FCC RF Exposure Information and Statement:

The SAR limit of USA (FCC) is 1.6W/kg averaged over one gram of tissue.

Product, model number: MIO (FCC ID: YPVITALCOMMIO) has also been tested against this SAR limit. The highest SAR value reported under this standard during product certification for use at the head is 0.446W/kg and when properly worn on the body is 1.143 W/kg. The device was tested for typical body-worn operations with the back of the handset kept 1.5cm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 1.5cm separation distance between the user body and the back of the handset. The use of belt clips, holders and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

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.

Any Changes or modifications not expressly approved by the party responsible for compliance 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.