AK10

COLOR-SCREEN   DIGITAL   MOBILE   WATCHPHONE
USER'S MANUAL

1　GENERAL

1.1　Introduction

    Thank you for purchasing AK08 series Chinese color-screen mobile watch-phone. This User's Manual can help you to grasp the usage of the phone and understand its complete functions and simple operation.

    AK08 watch-phone is designed for GSM/GPRS network. In addition to basic calling function, the phone has the following practical functions: Chinese entering, calling card style phone book, 64 chord sounds, clock/alarm clock, schedule management, unit conversion, health management, calculator, game, Mp3 play, Mp4 play and bluetooth, which　bring convenience to your work or leisure. With customized interface and complete functions, AK08 Watch-phone can satisfy your various demands.

    AK08 complies with GSM/GPRS technical standard and has obtained domestic and international authoritative certification.

    The Manufacturer reserves the right to modify any content in this Manual without prior notification.

1.2   Safety notice

If the phone is lost or stolen, you should immediately report to telecommunication service operator or its agent to prohibit use of phone and SIM card later, or otherwise it may bring economic loss to you due to illegal use of your mobile phone by other person.

When you contact with telecommunication service operator or its agent, you should tell them the IMEI number of the phone (which is printed on the tag at the back of the phone and you may find the number by taking out the battery). Please properly keep the number for future use.

In order to prevent inappropriate use by other person, you may adopt the following prevention measurements:

- Take care of PIN number and modify it before other people likely know it.
- In case of leaving a car, you should put the phone in a place where other persons can't see. You had better take it with you or put it in the trunk.
- Set calling restriction.

1.3   Safety warnings and notices

Before the initial use of phone, you should read the safety warnings and notices carefully for safety use.

General notice

- Your phone can only use the battery and charger authorized by the manufacturer. The use of unauthorized accessory may cause the battery leaked, overheat, broken or fired.

- Should not bump, shake or throw the phone, otherwise the phone may cause failure or fire.

- Should not put the phone, battery, or charger into microwave oven or high-voltage equipment, otherwise it may cause incidents, such as damaged circuit or fire.

- Should not use the phone where flammable gas exists, otherwise it may cause the phone failure or fire.

- Should not put the phone in the place with high temperature or humidity or much dust, otherwise it may cause personal injury.

- Should put the phone where children cannot touch,or children may use it as a toy and cause personal injury.

- Should not put the phone where not flat or steady, preventing failure or damage of the phone due to drop.

Notice for the use of phone

- You should shut up the phone in airplane or hospital where use of mobile phone is prohibited. Mobile phone may affect the normal operation of electronic equipment and medical apparatuses. If you want to use your phone in such place, you should abide by relevant rules. The phone has the function of being turned on in the set time, therefore you should check the setting of alarm clock to prevent the phone automatically turned on in the trip.

- You should not use the phone nearby weak-signal or high-preciseione electronic equipment. Radio transmission disturbance may cause wrong operation or other problems to such equipment. You should pay special attention to any of the following equipment: acousticon, pacemaker or other medical equipment, fire detector, automatic door or other automatic-controlled equipment. You should contact the equipment manufacturer or its local distributor for the detailed information of influence of mobile phone on pacemaker or other medical electronic equipment.

- You should not hit the screen or use the phone to hit other objects, otherwise it may cause the screen damaged or its liquid crystal leaked. Liquid crystal running into eyes may cause them blind. Once happened, you should rinse the affected eye (must not massage it) and go to hospital immediately.
- You should not dismantle or modify the phone, otherwise it may cause the phone damaged, electric leakage or circuit obstruction.
- In few cases , use of the phone in some cars may affect electronic equipment of the car. At that moment, you should stop using the phone for safety purpose.
- You should not use tip of needle or pen or other sharp objects to press the key of phone, otherwise it may cause the phone damaged or make wrong   operation.
- If the antenna is damaged, you should not use the phone, otherwise it may cause personal injury.
- You should prevent the phone close to magnetic objects such as magnetic card, radiation of mobile phone may delete the data saved in floppy disk , debit card or credit card.
- Since the speaker while working is magnetic and may attract small metal objects, you should not put any small metal object such as   pushpin nearby   the phone's speaker, otherwise it may cause personal hurt or the phone damaged.
- You should keep the phone away moisture. Water or other liquid entering into the phone may cause it overheat, electric leakage or failure.

Notice of battery use

- Don't throw the battery into a fire, otherwise the battery may fire or blast.
- While installation of battery, don't perform by force , otherwise it may cause the battery leakage , overheat, blast or fire.
- Don't use metal object such as electric wire or needle to cause short circuit of the battery, or put the battery together with necklace and other metal objects, otherwise it may cause leakage, overheat, blast or fire.
- Don't weld terminals of the battery, otherwise it may cause leakage, overheat, blast or fires.
- Liquid of the batter running into eyes may cause them blind. If such case occurs , don't massage the eyes, rinse them with clean water and go to hospital immediately.
- Don't dismantle or modify the battery, otherwise it may cause thebattery leakage, overheat, blast or fires.
- Don't use or put the battery near a high temperature place where there is a fire or heater, otherwise it may cause the battery leakage, overheat, blast, or fire.
- In the use, charging or storage of the battery, if there are high temperature, changed color, deformation or other abnormal phenomena, stop using the battery and replace it immediately.
- If the battery's liquid touches skin or clothing, it may cause the skin burned, rinse the affected area immediately and go to hospital if necessary.
- If the battery's liquid leaks or the battery gives out abnormal odor, take it away immediately from open fire, preventing it fire or blast.
- Keep the battery away moisture, otherwise it may cause overheat, smoked or corrupted.
- Don't use or put the battery in direct sunshinine or high temperature near   a car, otherwise it may cause the battery's liquid   leakage or, overheat, which can decrease its performance and shorten its service life.
- Don't continuously charge the battery for over 24 hours.

Notice of charger use

- Only use   220V AC power, otherwise it may cause electric leakage, fire, and damage of   the phone and the charger.
- Don't cause short circuit to the charger, otherwise it may cause electric shock, smoke or bring damage to the charger.

- Don't use the charger when its electric wire is broken, otherwise it may cause fire or electric leakage.

- Timely clean away dust on power socket.

- Don't put container with water near the charger, preventing   water splash to cause the charger overheat, electric leakage or failure.

- If the charger contacts water or other liquid, immediately unplug the charger to prevent it overheat, fired, electric leakage or obstructed.

- Don't dismantle or refit the charger, otherwise may cause personal damage, electric shock, fire or the charger damaged.

- Don't use the charger in a place with high humidity such as bathroom, otherwise it may cause electric shock, fire or the charger damaged.

- Don't use wet hand to touch the charger, electric wire or socket, otherwise it may cause electric shock.

- Don't put weighing object on electric wire or rearrange electric wire, otherwise it may cause electric shock or fire.

- Prior to cleaning or maintenance, unplug the charge from the socket.

- Hold the charger to unplug. Pulling electric wire may damage the wire and cause electric shock or fire.

Cleaning and maintenance

- The phone, battery and charger are not waterproof, don't use them in a place with high humidity such as bathroom. Also, prevent them from rain.

- Use soft dry cloth to clean the phone, battery and charger.

- Don't use alcohol, thinner, or benzene solution to clean the phone.

- Dirty socket may result   poor contact or discontinuity of power, so that recharging is incapable. Regularly clean the socket.

General notice

Phone

- Use the phone where temperature is between 5℃ and 40℃ and humidity is between 35% and 85%.
- Don't use the phone near common telephone, television, radio, and   office automatic equipment, otherwise it may affect the performance of these equipment and the phone.

Battery:

- Put the battery where sunshine is not direct and ventilation is good.
- The service life of the battery is limited. If the battery can换 save electricity even after being charged for long time, which means its service life ends, you should replace it with new one of same specifications.
- Don't put the used battery into general living garbage. You should observe any rule on disposal of used batteries.

Charger

Don't use the charger at any of the following places: direct sunshine, temperature below 5℃ or above 40℃, moisture, much dust, serious vibration (may cause failure), near television, radio or other electric products (may cause bad picture or sound).

2   BEFORE USE

2.1   Name and description of parts

Technical data

Phone

Size (L×W×W)	52mm ×41mm ×13mm
Weight	70g (with 700mAh battery)
Watch belt length	166mm

Li battery

Nominal voltage	3.7V
Charging voltage limit	4.2V
Rated capacity	350mAh
Continuous standby time	70 ~ 100 hours
Continuous Talk time	2 ~ 2.5 hours

Portable charger

Input	100~240V 50/60Hz 150mAh

Description of keys

Send/Dailing_KEY

Volume Up/Up KEY

Volume Down/Down KEY

PowerOn/End KEY

Volume UP/UP key

In compiling ,press the key to move cursor up. In standby/Voice/Audio/MP3 mode press the key to increase the volume value.

Volume Down/DOWN key

In compiling ,press the key to move cursor . In standby/Voice/Audio/MP3 mode press the key to decrease the volume value.

Send key

Dial the telephone number or answer the incoming call.

PowerOn/end key

End a call or refuse an incoming call. Keep pressing the key to switch the phone on or off. In other cases, press this key to enter standby mode.

Note: "Press the key" in this Manual means to press the key and release it immediately. "Keep pressing the key" means to press the key and hold it for 2 second or longer.

2.2 Battery

In the initial status, In first three times of use,you should fully charge the batter after it is used up,so that the battery is easy to reach the best service status.

Disassembly and installation of battery

■ Take out the battery as follows: ① Open the back of phone, ② Move the battery up and take out.

■ Install the batter as follows: ①Make the gold contact point of the battery aiming at the interface in the phone and push the other side of the battery to to the fixed position, ②Move the back cover toward the top of the phone to close it.

Charge the battery

■ Connect the charger to power socket.

■ Insert the connector of the charger into port on the mobiloe phone

■ At this moment, the electric icon is flashing on the right up of the screen. While charging, if the phone is closed, charging indication picture still displays on the screen, which means the battery is under charging. If the phone is still used even the battery's electric content is low, the electric icon will show on the screen after the phone has been charged for a while.

■ When the icon of electric content at the right up of the screen is full and doesn't flash, it means the charging is completed. While charging, if the phone is closed, the screen still shows the charging indication picture is completed. The course of charging may last 3-4 hours. In charging battery, it is normal if the phone and charger get warmer.

■ After charging is completed, disconnect the AC socket with, charger and phone.

Note:

■ In charging, put the phone   where temperature is between 5℃ and 40℃ and ventilation is good. Only use charger provided by the manufacturer. Use of unauthorized charger may cause danger and breach the

acknowledge and guarantee of the phone.

- When the phone is automatically closed or shows low power warning, you should charge the battery immediately. If the battery is not used up before charging, the charging time will be automatically lessened.
- The manufacturer provides idle and calling time of phone according to ideal working condition. In actual use, the service time of battery may differ according to network conditions, working environment and use method.
- Before charging the battery, ensure it well installed. Don't take out the battery while charging.
- After charging is completed, disconnect the charger with, phone and power socket.
- If you don't disconnect the charger, phone and power socket, after some time (about 5-8 hours), the battery's power lowers to a certain degree, and the phone automatically charges the battery again. We suggest you should not do so as it may cause influence to the performance and service life of the battery.

2.3 Connect network

SIM card

You must insert an effective SIM card into your phone before use. SIM card is your key to enter into digital GSM network.

The information relating with connection of network and initialization of your calling record are recorded in the netallic areaof SIM card,and. the SIM card will also load the record of names, phone numbers, short messages stored and received in the phone book of SIM card. The SIM card may be used in any GSM Mobile phone (the new mobile will read the SIM card automatically).

In order to prevent the information in the card lost or damaged,it shall avoid touching metallic area and keep the SIM card away from any electric of magnetic place.You will not access to GSM network once IM card is damaged.

Important:Switch the phone off before take out the SIM card. Never inset of take out SIM card in case of external power connected,for otherwise the card may be damaged.

Insert and take out SIM card

The SIM card is normally placed in a card, please take it out carefully before installation.

- Turn off the phone; remove the battery and other external power.
- Slide the SIM card and T-FLASH card into the SIM card socket and T-FLASH card socket as shown.
- When you need to take out the SIM card, turn off the phone, take out the battery, and then open SIM card socket to take out SIM card.

Switching the phone on or off

Press and hold the key until the phone switches on. Press and hold the key until the phone switches off.

If you turn on the phone without an SIM card inside, the phone will ask you to install an SIM card. After the SIM card is installed, the phone will check the card automatically.

The following messages will appear in the order below:

Enter PIN1   ——if you have set an SIM card password

Enter password   ——if you have set a phone password

Searching network   ——the phone will search for appropriate   network.

Unlock SIM card

For preventing illegal use, SIM card is protected with PIN1 (personal identification number) code. When this function is chosen, you should enter PIN1 code to unlock SIM card when you turn on the phone everytime, then you can make or answer a call. You can cancel SIM card protection (See 4.6.4 "Safety setting"), thus, SIM card may be illegally used.

- Turn on the phone by pressing the on-hook key.
- Enter PIN1 code, use right soft key to cancel wrong entering, then press confirmation key. For example, if the PIN1 code is set as 1234, enter the code as follows:

1 2 3 4

If the wrong code is entered for three times, the SIM card will be locked by network. And then the phone

requires you to enter PUK1 code, if you don't know it, you should not enter it freely but bring the SIM card to network operator. See 4.6.4 "Safety setting".

Note: Your network operator sets the SIM with standard PIN1 (4-8digital) code. You should timely modify it to your private number. See 4.6.4 "Safety set".

Unlock   phone

For preventing illegal use, the phone can be set with password protection. By choosing this function, when turning on the phone you should enter PIN1 code (if you have set PIN protection) and then enter phone password to unlock the phone, then you can make or answer a call. You can cancel phone password (See 4.6.4 "Safety setting"), thus, the phonemay be illegally used.

Enter phone password, use right soft key to cancel wrong entering, then press confirmation key. For example, if the password is 1122, enter the code as follows:

1 1 2 2

If you forget the phone password, you should contact distributor or local authorized maintenance center to unlock the phone.

Connecting network

After SIM card is unlocked, the phone automatically searches available network (the screen shows search). When connected, the name of network operator is shown in the center of the screen. At this moment the phone is in standby mode. In addition to make or answer a call, you can also:

- Touch right soft key to enter name card style phone book.
- Touch left soft key to enter menu. See Chapter 4.

Note: When the screen shows "Emergency", it means you are out of coverage of the network (service scope), but you still can make an emergency call, subject to the strength of signal.

3   BASIC OPERATION

3.1   Make a call

When the icon of network operator appears in the screen, you can make a call or answer a call. The information bar at upper left of the screen shows the condition of network signal (when there are 4 bars, the signal is the strongest). Calling quality is affected by the surrounding obstruct. Changing place may effectively increase calling quality.

Make local call

Touch digital keys icon to enter call number and press the dialing keys to make a call. If you want to modify the phone number, just touch the right soft key to cancel the latest number. While dialing, the screen displays dialing cartoon. When the call is answered, the screen displays call information. If you have set alert sound for being answered, there will have an alert sound (subject to support of the network).

To end the call, just press the on-hook key.

Local number   Telephone number   Dialing key

Dial extension of a fixed telephone

Some fixed telephones cannot be directly called. You need call the telephone exchange and then enter the extension number. If you enter "P" between the number of telephone exchange and the extension number and dial out, the phone can complete all dialing and automatically connect the extension. Enter "P" by making long press of "*" key ("P" is displayed in the screen).

Local number   Number of telephone exchange   P   Number of   extension   Dialing key

For example, if you have a voice mailbox system in 8880000, which is used in dialing manner,the number of mailbox is 6666, and the password is 8888, you may call it as follows: 8880000 P 6666 P 8888
The first part is used to call the voice mail box system.
When the call is answered, the phone sends 6666   to choose the mailbox.

Before sending the password 8888, the second "P" causes 5 seconds of delay (the first "P" means waiting the call answered, and the later "P" means 5 seconds of delay)

Make international call

To make international call, make long press of "*" key until the "+" sign for international call is displayed, thus you can make an international call from any country even you don't know the code of country (such as "00" for China) where you are staying in.

After entering "+", enter the code of country and the desired complete telephone number. According to general practice, the code of country is , for example, "49" for German, "44" for British, and "46" for Switzerland.

Like making an international call, don't enter the first "0" of a   local number.

For example, to make service hotline from other country, you should dial:

+86 21 114

+ Code of Country   Complete telephone number   Dial key

Make listed call

Every call you dial or answer is stored in a record table of the phone. The latest call dialed or answered is at the top of the table (See 4.5 "Call Record"). Every call is saved according to the classification of call dialed, call answered, or call unanswered. The phone provides you to check all call-related data. When the record table is full, the earliest call is deleted automatically. To find the tables as follows:

■　　Press dialing key to check the record of call dialed.

■　　Any call in the record can be dialed by pressing the dialing key.

When the call table is shown, you can press YES to check the details.

You can choose save option to save the current number to phone book.

3.2   Emergency call

When you are in a place covered by the network (as shown in the network signal condition bar at the upper left of the screen), you can make an emergency call. If your network operator doesn't provide ramble service in the place, the screen shows "EMERGENCY" to tell you that you   can only make emergency calls. When you are in a place covered by the network, you can make emergency calls even there is no SIM card in the phone.

3.3   Answer call

If you have set the "answering by pressing any key" on, you can press any key to answer a call, otherwise you have to press "dialing" key or press left soft key to be ready for answer and press the left soft key again to answer. If you use earphone, you can press the button on the earphone to answer. If you are not convenient for pressing button, you may set "automatic answering" on and connect with earphone, the call is automatically answered after 5 seconds of sound or vibration.

3.4   Call record

The phone can save the record of the latest call and the time of all calls(See 4.5 "Call record").

3.5   Call menu

While calling, touch option to call menu. The operation of call option is same as that of main menu.

The call menu can be seen only while calling. Call Wait,Call Transfer, Multi-call and other functions need support of network, you can contact your network supplier.

Through call menu, you can make operation as follows:

■　　Pause

Hold on the current call or turn to the held call.

■　　End

End the current call

- New call

Make new call

- Phone book

Check contents of the phone book

- Short message

Compile and send a short message

- Record

Record the current call

- Silence/recover

Don't send (send) your voice .

- DTMF

Press left soft key to open or close DTMF.

4 MENUS

4.1 Use of menu

Select function by scroll search

- Touch 'Menu' to access main menus under the standby mode; or during calling, touch 'option' to enter calling menu, then scroll up/down key to main menu.
- Press up/down key to scroll to the desired function in all main menus or sub-menus. Touch left soft key to access 'Option' and touch right soft key to exit the current menu.

Exit the menu

In the menu, you can in general back a menu item by touch the right soft key and return to the standby mode by pressing the End key.

4.2 Menu structure

The default structure of the menu is as the following:

1 Phone book
  1-1 Speed search
  1-2 Search by name
  1-3 New entry
  1-4 Copying all
  1-5 Delete
  1-6 Incoming call group
  1-7 Other numbers
    1-7-1 Own number
    1-7-2 Service number
  1-8 Settings
    1-8-1 Capacity inquiry
    1-8-2 Storage location
    1-8-3 Name card setting
    1-8-4 Phone book voice hint
  1-9 Incoming call picture
  1-10 Incoming call ring

2 Message
  2-1 Short message
  2-2 Multimedia message
  2-3 Chat
  2-4 Voice box
  2-5 Community broadcast

3 Call records

Note: Some menus only appear under certain particular conditions.

4.3   Phone book

You can use the phone book function to store information of important people such as name, mobile phone number, home telephone and office   telephone. Access directly the function of phone book by selecting the phone book from the main menu or pressing the right soft key under the standby mode.

Note: This mobile phone can store 250 telephone numbers.

You can see in the phone book options on speed search, search by name, new entry, copying all, deleting entry, incoming call group, other numbers, setting, incoming call picture, incoming call ring, incoming animation.

- Speed search: Select this option to enter the phone book browsing

  interface. At the bottom of the window there is a search input box where you can input corresponding information to seek for a phone number. Available search methods include: 1. Pinyin input method; 2. Stroke input method; 3. English; 4.Numbers. Touch the input change icon to switch input methods, so as to switch the search method.

- Search by name: Search records in the phone book by the name.
- New entry: Add a new telephone record to the phone book. Available

  storage location can be SIM card or mobile phone. Both have light difference in the storage format.

- Copying call: Copy all records in the SIM card or mobile phone. It

  can be made from the mobile phone to the SIM card or vice versa.

- Delete: Select this option to delete phone records. Select 'delete

  from SIM card' to delete all phone records in the SIM card; select 'delete from mobile phone' to

  delete all phone records in the phone book; select 'delete entry by entry' to delete records one by

  one.

- Incoming call group: This mobile phone provides five incoming call

  groups. Personalized setting can be performed to each group such as rename, ring type, incoming

  call picture and animation and group member.

- Other numbers: other numbers stored in the SIM card, e.g. own number and service number. You can look

  over and modify them.

■ Settings: The function of setting the phone book. It is divided into

four options: capacity inquiry, storage location, name card setting and phone book voice hint.

- Capacity inquiry: Store information about the using of SIM card and handset phone book.

- Storage location: Select preferable storage location, in mobile phone or SIM card.
- Name card setting: Set contents included in the records (name card) of the phone book.
- Phone book voce hint: provide Chinese voice hint when searching phone number
■ Incoming call picture: Select the picture displayed when a call comes in.
■ Incoming call ring: Select the prompt ring when a call comes in.

4.4 Message

Select the 'Message' menu to enter sub-menu.

You can receive or send at will Chinese / English message and multimedia information through the message service center if your network supports and you have applied for it from the network provider.

4.4.1 New message

The mobile phone will vibrate (if function of vibration on) or give prompt ring and take on animation for prompt on the display when receiving a message. If you don't want to read it immediately, the new message prompt appears under the standby mode, and the message is stored automatically in the SIM card.

The number of messages that can be stored in the SIM card depends on the capacity of SIM card .

In order to read the new message, enter the inbox in the sub menu and press 'Read' to read it. (The icon of the new message is)

4.4.2 Writing message

The short message network services permit you to send the literal message to other mobile phones that can receive message.

Please confirm that the message service center number has been set before writing message (refer to the 'Message setting' in section 4.4.5)

■ Write a message after accessing the sub-menu 'Writing message' (refer to the 'Input method' in Chapter 5).

- Completion: Select this option after completing the message and access to the next operation.

- Common phrase: Insert the preset phrase into this message.

- Insert objects: Insert pictures, ring, animation and other objects into this message.

- Text format: Define the text format of this message.

- Input methods: Change the input method while editing message.

■ Touch 'Selection' after writing. Based on your requirements, touch the

scroll key to select sending, storeing and sending, storing, multi-sending or group sending, so as to send this message to other mobile phones.

- Send: Send this message. Select this option to enter the receiver editing box; input phone number through the number key or select the receiver number from the phone book by pressing 'Search'; finally touch 'Selection' to send it.

- Store and send: Store this message in outbox while sending it.

- Store: This message will not be sent but stored in the outbox.

- Multi-sending: Send this message to multiple mobile phones.

- Group sending: Select a group and send this message to all members of this group.

Notice: The message service centers in some cities/districts do not support messages longer than 70 Chinese characters (or 160 English characters).

4.4.3 Read received message and stored message

Enter the inbox in the sub-menu to read received messages; enter the outbox to read messages stored in the SIM card.

When reading the message list of the inbox, the date and time receiving the message and the sender's number or name (if existing in the phone book) will display.

Use the up/down scroll key to select message when reading message list.

When the message list in the inbox appears, read the detail message by touching 'Selection'; at this time, touch 'Option' to perform the following operation:

- Reply: Send a message to the sender of current message.
- Delete: Delete this message
- Edit: Extract the message content and enter the editing box.
- Re-send: resend this message to others.
- Chat: Enter the chat room to chat with message.
- Delete All: Delete all messages in the inbox.
- Extract number: Extract the phone number of the message sender,

 which can be called or stored in the phone book.

- Storage items: Extract objects in the message (only effective when stored).

When the message list in the inbox appears, read the detail message by touching 'Selection'; at this time, touch 'Option' to perform the following operation:

- Send: Send this message. You can send it to more than one person by selecting multi send or group send.
- Edit: Extract the message content and edit it.
- Delete: Delete this message.
- Delete all : Delete all messages in the outbox.
- Extract number: Extract the phone number of the message receiver, which can be called or stored in the phone book.

4.4.4 Operation of common phrases

Some common sentences can be stored in the 'Common phrases' to avoid repetitive input when sending message. They can be edited or deleted after stored.

4.4.5 Message setting

Necessary setting must be performed before using the message function.
Access the sub-menu ' Message setting'.
- Mode setting: Select an appropriate mode for the message. You can set corresponding designation, message service center number, effective date and sending format after entering each mode.
- Status setting: Set whether the message report or reply path is on or off.
- Capacity inquiry: Examine the occupation in the SIM card or message box of the mobile phone.
- Storage location: Select mobile phone or SIM card.
- Setting of message delivery: Select the message transmitting method, GPRS or GSM.
Set the message service center number: Please contact your network provider for the message service center number. For example, one of China Mobile's message service centers in Shanghai is +8613800210500. The concrete operations are as follows: select the sub-menu 'message center', and touch 'Selection' to save setting after inputting the message service center number.
Status report: If you set the 'Status report' to be on, when the receiver receives your message or does not receive it for certain reasons, the message center will send back a status report, thus you can know conveniently whether

it is received or not.

4.4.6 Multimedia message

Write message: A new multimedia message. You need to fill in receiver, copy, confidential copy, subject and content.

Inbox: Examine the received multimedia message (with same operations as the inbox of the text message)

- View: View the current multimedia message.

- Details on message: Examine details on the current multimedia message.

- Reply: Send a multimedia message to the sender of the current one.

- Reply all: Send a multimedia message to the sender and all receivers

  of the current one.

- Re-send: Re-send it to others.

- Delete: Delete the current multimedia message.

- Delete all: Delete all messages in the inbox.

- Phone number: Extract the number of the sender of the current message.

Outbox: Store multimedia messages failed in the delivery (same operation as the outbox of the text message)

- View: View the current message.

- Details on message: Examine the detail on the current multimedia message.

- Resend: Send the current multimedia message again.

- Delete: Delete the current multimedia message.

- Delete all: Delete all messages in the outbox.

- Phone number: Extract the number of the receiver of the current multimedia message.

Draft box: The message can be stored here after edited if not being sent.

The message will be transferred to the outbox after sent.

- View: View the current multimedia message.

- Details on message: Examine the detail on the current multimedia message.

- Edit message: Edit the current multimedia message.

- Delete: Delete the current multimedia message.

- Delete all: Delete all messages in the draft box.

- Phone number: Extract the number of the receiver of the current multimedia message.

Predefined message: Input some multimedia message template in advance. There can be three available options: 'Review', 'Details on message' and 'Make new message from templates'.

Setting: Set parameters relating to sending and receiving of multimedia message.

- In sending: Setting of relevant parameters during sending the mul-timedia message, such as 'In service', 'send return report', 'Read return report', 'Priority', 'Interval', and 'Transmission time'.

- Receiving setting: Setting of relevant parameters during receiving the multimedia message, such as 'Principle network', 'Roam network', 'Deliver reading report', and 'Permit delivering report'.

- Filter: Filter multimedia messages.

- Edit and set: Set the network of the multimedia message.

- Automatic signature: Edit its content and set it to be on. The multimedia message will be automatically signed when being sent.

- Memory status: Examine the capacity information on the multime-dia message.

4.4.7 Chat

Chat room setting: Select a chat room and set the nickname and the partner's mobile phone number.

Begin chat: Input information and begin to chat with the predefined mobile phone.

4.4.8 Voice mail server

The voice message you have received is stored in the network. You have to call the voice box number if you want to hear it.

Edit: You can add / edit voice box number so that it is quick and convenient when you are using the voice box.

Connect to voice: Call the voice box number that you have set to hear the words.

4.4.9 Broadcast Message

Receiving mode: Access the receiving mode by selecting 'On' and reject receiving community broadcast by selecting 'Off'.

Read message: Access this menu to read the community broadcast message that you have customized.

Language: Set the community broadcast receiving language.

Channel setting: Set the channel of the community broadcast.

Note: The community broadcast and voice box services are all provided by the network operator. Please contact them.

4.5   Call History
Review call list

This mobile phone can store ten missed, answered and dialed calls respectively. You can review these records through the menu.

Enter the sub-menu 'missed Calls' and review the missed calls list by touching 'Selection'.

Enter the sub-menu 'Dialed Calls' and review the answered calls list by touching 'Selection'.

Enter the sub-menu 'Calls received' and review the received calls list by touching 'Selection'.

When the call records list appears, details on the records can be reviewed by touching 'Selection' including date, time, number and call times.

When the detailed record appears, perform the following operation to the selected call record by touching 'Option'.

Delete: Delete this record.

Store: Store this number in the SIM card or mobile phone.

Dial: Dial this number.

Edit: Edit this phone number and store it in the phone book.

Access the sub-menu to delete call records. Any call records list can be selected for clearing up.

Auxiliary menu

In the call records, functions of storing call duration and charges as well as the counter are provided.

Call Time

There are in the menu 'Call Time' four sub-menus including 'Last call time', 'Total Sent', 'Total Received', and 'Reset all time'.

Last call time: Review the duration of last call.

Total sent: Review the total time of calls dialed.

Total Received: Review the total time of calls answered.

Reset all time: Clear up the data in the timer and commence timing again.

Call charge

'Call charge' can store the accumulated call charges.

Last call charge

Access the sub-menu 'Last call charge' to review last call charge.

Total call charge

Access the sub-menu 'Total call charge' to review the accumulated call charges.

Clear call charge

Clear the charge counter and commence charge counting again by inputting PIN 2 code.

Charge limit

The 'Charge limit' function can be read, modified or canceled after accessing this sub-menu. It needs inputting PIN2 code to modify or cancel this function.

Price and rate

The 'Price and rate' function can be read, modified or canceled after accessing this sub-menu. It needs inputting PIN2 code to modify or cancel this function.

Note: Some operations require you to input PIN2 code. Please contact your network provider for this password.

Message counter

Sent: Record the number of messages that have been sent.

Received: Record the number of messages that have been received.

You can clear the above two items by selecting the left soft key 'reset'.

GPRS counter

Last delivery: Record the number of bytes delivered last time.

Last receiving: Record the number of bytes received last time.

Total delivery: Record the number of bytes delivered totally.

Total receiving: Record the number of bytes received totally.

Clear counter: Commence counting again.

4.6　Settings

This menu contains all personalized settings of the mobile phone.

4.6.1 Phone setting

Pen Calibration
Calibrate the touch panel.

Time and date: Set time and date.
- Set city: Select a city for the time of this mobile phone.
- Time setting: Set the current time and date.
- Time format setting: Set the display format of time and date, 12 hours or 24 hours.

Time power on/off: Set times when the mobile phone is on or off.

Language: Set the display language of the mobile phone menu.

Preferred input method: Select a default input method.

Display Characteristic:

- Wallpaper: Select the wallpaper of the standby interface.

- Screen saver: Select a screen saver for the main display standby interface and set the waiting time.

- Power-on display: Select the power-on picture.

- Power-off display: Select the power-off picture.

- Display date and time: Set it on or off that current time will appear under the standby mode.

- Display own number: Select it on or off that own number will appear under the standby mode.

- Greeting Text: The standby greeting will appear under the standby mode. It will not display if 'Off' is selected.

- Speed dial: Set shortcut dial. Under the standby mode, the defined phone number can be called by long pressing the corresponding number key.

- Designate function key: Designate the function of up, down, left and right keys under the standby mode.

- Automatic time change: Select 'On' or 'Off' to determine whether time will be changed automatically.

- Flight Mode: Select "Normal mode" or "Flight mode" or "Query When Power On" mode

- HandWriting: Setup "Pen Speed" and "Pen Color" configuration

- Misc Setting:Set LCD backlight brightness and time.

4.6.2 Call setup

Caller ID

- Set by Network: Whether the number will be sent is based on

  the system default setting.

- Hide ID: The other side can not see the number when calling

  (unless supported by the provider).

- Send ID: The other side can see the number when calling.

Call waiting: Switch the call waiting function on / off. The current call waiting status can be examined by selecting 'Inquiry'.

Call Divert:

- Absolute transfer: All incoming calls will be transferred to the   number that you have set after the 'Absolute transfer' is on.

- No service: After 'No service' is on, the incoming call will be

  transferred to the number that you have set if the other side can not call you.

- Unanswered: After 'Unanswered' is on, the incoming call will be

  transferred to the number that you have set if your phone does not answer.

- Busy: After 'Busy' is on, the incoming call will be transferred to   the number that you have set if your phone is busy.

- All data calls: When the incoming call is a data one, transfer it.

- Cancel: Cancel all call transfers.

Call barring: Set limitation to calls.

- Outgoing barring: Set limitation to the outgoing call.

- Incoming barring: Set limitation to the incoming call.
- Cancel: Cancel all set limitation (password is required).
- Change password: Modify the password.
Line switching: Select line 1 or line 2.
Call Time Remider: Whether to prompt the duration at the end of every minute.
Call Time display: Whether to display the duration.
Auto redial: After 'Automatic re-dial' is on, the phone will automatically re-dial the number if dialing fails.
Closed User Group: Switch the group function off.
IP Number: Set the IP dial. You can dial through the 'IP dial' in the phone book.

Note: Some functions need support from the service provider.

4.6.3 Network setup

Network selection:

- Automatic: automatically search for the network which the SIM card belongs to.
- Manual: Search for the currently available network and perform registration manually.

Perferred network: Pre-store several networks that you like.

GPRS connection: the GPRS connection mode, continuing or temporary.

4.6.4 Security setup

SIM lock

You can set the security options of this mobile phone in this menu toprevent the mobile phone or SIM card from illegal use.

- PIN code

The PIN code can prevent your SIM card from illegal use.

- If the PIN code is off at present, enable the PIN code protection by selecting 'On'. The phone will ask you for the PIN code when switched on next time. If the PIN code is on at present, disable the PIN code protection by selecting 'Off'. Set the new PIN code by selecting 'Change PIN code'. Please input the old PIN code and the new PIN code and confirm the new one based on prompts.

Notice: If you input a wrong PIN code successively for three times, the SIM card will be locked. At this time, you need the PUK code to unlock the SIM card. The PIN code and PUK code may be provided to you with the SIM card. If no, please contact you network provider. The default PIN code is 1234. You should reset the password as soon as possible.

Phone lock:

The phone lock can prevent your phone from unauthorized use.

Enable the 'Mobile phone password protection' by selecting 'Phone lock'. The phone will ask you for the phone password when switching it on next time. The 'Mobile phone password protection' can be disabled by pressing again.

Note: The default password of the mobile phone is 1122. You should reset the password as soon as possible.

Auto Keypad lock: Set the waiting time of the keyboard lock. After setting, when the phone is not used within defined time, the keyboard will be locked automatically.

Fixed dial:

If supported by your SIM card, it can be limited that only selected phone numbers will be dialed. When this function is on, only the phone numbers in the fixed dial list or those having initial figures appeared in the list can be dialed.

Access the sub-menu 'Fixed dial'

- Mode: Switch the 'Fixed dial' function on / off (the PIN2 code is required).

- Fixed dial list: Input the phone numbers for fixed dial.

Note: It requires PIN2 code to switch the 'Fixed dial' function on/off. Please contact your network provider for the PIN2 code. After entering 'Fixed dial', when accessing the name card folder, what displays are the phone number in the 'Fixed dial'.

BarredDial: Opposite to the 'Fixed dial', you can set some numbers that will be prohibited to be called.

Change password: Modify PIN, PIN2 and phone passwords.

Note: Some functions need to be supported by your network provider.

4.6.5 Restore factory settings

The default password to reset to factory settings is 1122.

4.6.6 Sound effect

Adjust the effect of sound played. Available audio-equalizers include general, bass, dance, classic, trio, get-together, popularity and rock-and-roll.

4.7   Multimedia

This menu includes nine functions:Video Player,Audio Player,Sound Recorder.

4.7.1 Video player

Access the animation player.

- Play: Play the currently selected video.

- Transmit: Transmit it to screen savers or power-on/off displays.

- Rename:Rename the video.

- Delete: Delete the selected video.

- Delete all: Delete all videos.

- Sequence: Sequence videos.
- Storage path: Select to store into mobile phone or SIM card.

If the memory stick is inserted, you can copy videos from the computer and set them to the animation player to realize shortcut playing.

- Access 'File management' and select memory stick.

- Access 'Option' and set it to 'On'. Select an animation to play it.

- Press 'Option', and then move or copy files.

4.7.2 Audio player

Select 'Music player' to access the mp3 playing interface. The function of each key is as follows:
Up key: Play/pause current music.
Down key: Stop play.
Left key: Select the previous music.
Right key: Select the next music.
Access the playing list by pressing the left soft key. You can scroll search music and select one to play.
In the music list interface, access 'Option' by pressing again the left soft key to perform setting of parameters relating to music.
- Play: Play currently selected music.
- Detail: Review details on this music.
- Add to ring library: Add the current music to the ring library in the
  'Scene mode'.
- Update play list: Update a piece of music.
- Setting: Perform setting to the multimedia playing.
    1. List: In the mobile phone or SIM card.
    2. Automatic listing
    3. Appearance: Select the appearance of the playing
        interface.
    4. Repeat: If on, the music will be repeated.
    5. Random: If on, the playing sequence is random.
    6. Background play: If on, the music will not end with
        backing menu.
    7. Audio equalizer: Set the music style.

4.7.3 Sound Record

Voice can be recorded by selecting this menu. Press the left soft key to access 'Option':
- Record: Record new voice.
- Play: Play the currently selected record.
- Rename: Rename the current record.
- Delete: Delete the current record.
- Delete all: Delete all records.
- Setting: Set the storage location and record format.
- Transmit: Send the current record to 'Scene mode', 'Multimedia
  message' or 'Message'.

4.8   File management

To store files saved by the user. Access the 'File folder' option:

- Open: Display contents in this folder.

- New file folder: Build a new file folder in this folder.

- Formatting: Format this file folder.

- Remove: Delete the memory stick. Restore after re-starting the

  phone.

Enter 'Option' for a specific file. Refer to the file operation of a computer.

If the memory stick is inserted, MP4 will be available from the 'File management'.

Select 'Memory stick':

- Open: Access the play list and select one to play.

- New file folder: Build a new file folder in this folder.

- Formatting: Format this file folder.

- Remove: Delete the memory stick. Restore after re-switching on

  the phone.

4.9 FUN&Games

Games: This mobile phone provides one games: Mahjong.

- Mahjong:

  1. New game: Begin a new game.

  2. Best rank: Ranking records of this game.

  3. Game instruction: Access this item to read the game rule.

- Game Setting:

1. BGM:Set Game background

2. Sound Effect: On/Off sound effect.

3. Game Vibration: On/Off game Vibration.

Themes: Three available background colors: amber orange, jewelry blue and scientific grey, which can be previewed when the highlighted bar is moved into the corresponding. Access the 'Themes'

4.10 User Profiles

The user can select different scene modes and also can customize these scene modes. This mobile phone provides five scene modes: general mode, conference mode, outdoor mode , indoor mode and earphone mode.

General mode

Active: Touch 'OK' to access the general mode.

Customize: Select 'Personalized setting' to customize the general mode.

Operable items include ring setting, volume, alert type, incoming call voice hint, ring type, prompt tone, answer mode.

- Tone setup: Change the ring of incoming call, alarm, power on or off and message as well as the keyboard tone.

- Volume: Adjust the volume of ring and keyboard tone.

- Alert Type: Select the ring mode: ring, vibration, vibration and ring,

  ring after vibration.

- Incoming call report: The incoming call will be reported before

  ringing.

- Ring type: a stroke, successive or louder.

- Extra tone: Set prompt tones for some affairs: precaution, error,

network access or call connection.

- Answermode: Set the way of answering call.

Meeting mode
Same operations as the general mode.

Outdoor mode
Same operations as the general mode.

Indoor mode
Same operations as the general mode.

Headset mode
This mode will be on automatically when the earphone is inserted. The operation of personalized setting is as same as the general mode.

Bluetooth mode
This mode will be on automatically when the bluetooth is actived. The operation of personalized setting is as same as the general mode.

4.11 Organizer
This mobile phone provides functions of calendar, To Do List, alarm and world clock.

4.11.1 Calendar
Access the sub-menu 'Schedule' and press 'Selection' to display date.
Select month and date by pressing up, down, left and right keys. Press 'Selection' to access the sub-menu.
Schedule: Build a new schedule and set an alarm to it. You have five options to choose: once, everyday, customized, every week and every month.
- Once: To indicate that this schedule will alarm only once.
- Every day: To indicate that this schedule will alarm at the set time
  every day.
- Customized: Set the time when the alarm will ring in each week.
- Every week: To indicate that this schedule will alarm at the set time

  every week.
- Every month: To indicate that this schedule will alarm at the set time every week.
- Skip to designated date: Skip from the current date of the schedule to the designated date.
- Chinese traditional calendar: Switch on or off the Chinese traditional calendar display.

4.11.2 To Do List
This mobile phone can store 10 memos. Select 'To Do List' in the sub-menu to edit, add, browse, deliver and delete memo.

4.11.3 Alarm
Three alarms can be set in this mobile phone. You can select one to edit and set it.

4.11.4 World clock
Select 'World clock' in the sub-menu and switch the city and time zone by pressing left and right keys.

4.12 Services
4.12.1 WAP

Your mobile phone support services are based on WAP. You can access services supported by your network provider. The service list can provide you with information such as news, weather forecasts and airlines.

Note: GPRS shall be supported by the network and can only be used in the GPRS network-covered area after authorized.

- Home: Log on the home page. The home page is the WAP website that you set in the access setting. If no setting is performed, it will be the website preset by the factory.

- Bookmark: Display all existing bookmarks, whose websites can be directly accessed by selecting them.
- History webpage: This item records the website that you have browsed.
- Input website: You can input any WAP or internet website by selecting this Item.
- Inbox: Store information sent by the service provider.
- Setting: Settings necessary for browsing websites.

1. Edit and setting: Select the setting group of service
2. Browse option: Parameters setting for browsing websites, includ-ing waiting time and displayed pictures.
3. Service information setting: Switch on or off the service information.
4. Clear buffer memory: Select this item to clear the buffer memory.
5. Clear personal information: Select this item to clear personal information.
6. Clear history webpage: Select this item to clear historical records.

- Online function instruction:

1. Forward: Skip to the address pointed by the link.
2. Previous: Previous page.
3. Home: Skip to the first page.
4. Refresh: Refresh the webpage you are browsing.
5. Bookmark: Display all existing bookmarks. Press 'Selection' to connect to the website of the bookmark, edit bookmark designation, edit address or delete the bookmark.
6. History webpage: Review the historical webpage records.
7. Input website: You can access directly the website you are desired if you input the particular URL.
8. Set as homepage: Set the current page as the homepage.
9. Service inbox: Read messages in the service box.
10. Setting: Access the menu 'Setting'.
11. End: To exit the WAP browser window and turn back to the main menu.

4.12.3 Data Account

- GSM data:

Access an account by selecting it:

1. Designation: The designation of this account. You can modify it by selecting 'Edit'.
2. Number: Number of this account.
3. User account: The account designation of the dialing server (not WAP gateway).
4. Password: The password of the dialing server (not WAP gateway).
5. Line type: Select the line type, analogue or digital
6. Speed: Select an appropriate transmitting speed.
7. Network domain: IP address.

- GPRS data

Access an account by selecting it:

1. Designation: The designation of this account. You can modify it by selecting 'Edit'.
2. GPRS accessing node: Input APN.
3. User account: The account designation of the dialing server (not WAP gateway).

4. Password: The password of the dialing server (not WAP gateway).

5. Authentication mode: Select the encrypt method authenticated.

4.13 Extra

4.13.1 Calculator

Your mobile phone is integrated with a calculator providing four basic arithmetic functions, which permits you to perform simple calculation.

Access the menu item 'Calculator' by pressing 'Selection'.

- Input number with the key 0-9; input decimal point with the key '#' .

- The four arithmetic symbols '+, -, x, ÷' can be inputted by pressing up, down, left and right key accordingly.

- Clear the latest input or result by pressing the right soft key;

   Exit the calculator by pressing the right soft key 'Exit'; calculate the result by pressing the left soft key"Result".

Note: This calculator has a limited accuracy and may produce a rounding error, especially if indivisible.

4.13.2 Unit converter

This mobile phone provides the function of unit conversion involving in weight unit and length unit.

- Weight: The weight unit conversion includes kilogram <-> pound and kilogram <-> ounce. Input the source number in corresponding editing box, and press the left soft key for selection. The target value will appear in another editing box.

- Length: The length unit conversion includes four kinds of

   conversion: kilometer <-> mile, meter <-> yard, meter <-> foot, centimeter <-> inch. Input the source number in corresponding editing box, and press the left soft key for selection. The target value will appear in another editing box.

4.13.3 Currency conversion

Input the exchange rate, then input the value of domestic currency or foreign exchange and press the left soft key for 'Selection'. The target value will appear in another editing box.

4.13.4 Health management

Health management includes body quality index and calculation of female menstrual cycle.

- Body quality index:

   After accessing it, select male or female and input the height and body weight. After pressing confirmation,the calculation result will display and be represented in a figure showing the range of your body quality index.

- Female menstrual cycle:

   After accessing it, you shall input last menstrual date and average cycle. Press the left soft key; calculation result will display. The ovulating and menstrual date will be represented in a figure.

   Select a certain date to check the impregnation probability on this day.

4.13.5 E-book Reader

Put txt file into bookshelf for reading.

4.13.6 Bluetooth

Bluetooth include bluetooth device management:Power on/off,inquiry audio Device,remote control,My Device,Active Device,Setting and about.

4.14 Shortcuts function

You can set your own shortcuts here.

5   MP3 AND MP4 DOWNLOAD

1. Insert T-flash card, in idle mode, use data cable provide with the phone to connect the phone and computer, at this moment, the screen display "USB".

2. Open "My computer" in the desktop, there will be two hard-disc icons in the "portable saving equipment", one with small space (about 1M) is phone built-in storage and the other is T-flash card (this function can make the mobile phone used as U disc).

3. Download Mp3 or Mp4 data to T-flash card.

4. After delete the USB icon for the phone at the right bottom of the computer, unplug the data cable and phone.

Warning: If you directly unplug the data cable and mobile phone prior to deleting the USB icon identified for the phone by the computer, it may cause damage to the phone.