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1. For your Safety

For your safety and proper use of the mobile phone, please read the following guidelines carefully: Do not switch the mobile phone on when close to chemical factory, gas station or other explosive objects.

- During driving, please use headset for safety purpose; otherwise in emergency, always stop the car on roadside to have a call conversation.
- Because the use of the mobile phone can cause interference in the aircraft, never use the mobile phone in aircraft. Please switch off the mobile phone before boarding.
- Pay special attention to the use of the mobile phone near heart pacemaker, deaf-aid and some other medical equipment. Because the mobile phone can cause interference with them.
- None-original factory's accessories and parts will lose guarantee.
- Do not dismantle the mobile phone without permission. In case of failure, please contact the seller as soon as possible.
- Do not plug the charger into the mobile phone and charge without battery. Always power off the mobile phone when taking out the battery;

otherwise the memory of the phone may be damaged.

- When charging the mobile phone, always keep it in the place with good ventilation, heat sink and away from flammable and explosive objects.
- In order to avoid demagnetization, always keep the mobile phone away from magnetic objects such as CD, credit card etc.
- Ensure the mobile phone not to contact any liquid; once such case occurs, remove the battery and contact the seller immediately.
- Do not use the mobile phone in the environment at too high or too low temperature, never expose the mobile phone under strong sunshine or too wet environment. The suitable temperature for the phone and accessories is 0°C-40°C. The height to use the phone shall be less than 2,000m.
- Do not use liquid or wet cloth with strong cleanser to clean the mobile phone.
- This mobile phone has shooting, videoing and audio recording functions, which shall be used as per the related laws and regulations.
- Always keep the mobile phone out of children's reach. Do not throw or vibrate the mobile phone

because violent treatment to the mobile phone may damage the inner circuits and precise structures.

- Please do not discard the waste battery into general household garbage. Please deal with the waste battery according to provisions where they are definitely made.

2. Mobile Phone Profile

The following is the front and back of the mobile phone.





1	Receiver	7	Keypad
2	LCD	8	Camera
3	Main menu keys	9	Speaker
4	Call key	10	SOS button
5	Retreat key	11	Volume key
6	End key	12	FM key

3. Preparation before Use

Install SIM Card

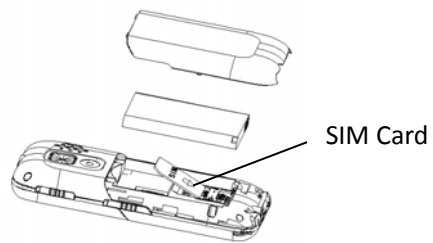
When registering mobile phone number, you can apply for phone number, mobile phone network service providers and thus obtain SIM (Subscriber Identification Module) card.

Warning: Do not distort or scratch the SIM card nor let it contact static, dust or moisture. If it is lost, please contact immediately your network operator for help.

Before SIM card installation, please switch off the mobile phone. The SIM card is installed on the back of the mobile phone.

Follow the following diagram to install the SIM card.

Note: As the SIM card is small object, keep it out of children's touch or prevent children gulping it!

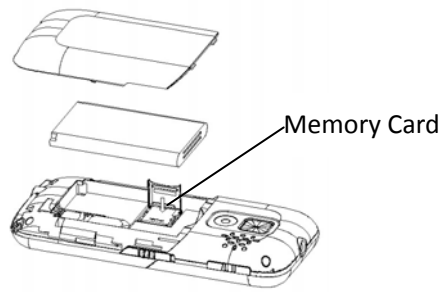


SIM

Install Memory card

As the mobile phone does not have enough storage space, to use some functions, you need to install a memory card (This mobile phone use T-FLASH card.)

Install T-FLASH card: Open the back cover to take out the battery, release the T-Flash card lock, insert the T-Flash card into its slot, and restore the lock and the battery before restarting the mobile phone.

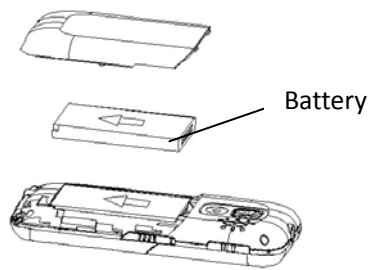


Note: As the T-FLASH card is small object, keep it out of children's touch or prevent children gulping it!

Install Battery

The mobile phone is suitable for original battery and accessories. When the battery is idle, it is recommended to put it into the protection box.

Note: Do install the battery as per the diagram so as prevent the battery contact patch being damaged.



Charge Battery

When the battery is used up, charge it in time.
Over-discharge can damage the battery.

Follow the following diagram to connect the
charger.

Warning: When a travel charger and its accessories are used to charge the battery, please firstly check if they are original or recognized by the original manufacturer. The use of other accessories may damage your mobile phone and cause risks! Always use them indoor and dry places.

Notices on using the battery

The performance of the battery is affected by many factors, including radio barrier network settings, signal strength, signal strength, work temperature, chosen and used functions or settings as well as phone accessories, tone, data or other applications.

For optimal performances, please follow the rules below:

- New battery or the battery having been idle for long need charging for long. During charging, keep the battery at room temperature or similar temperature.
- With time passing by the battery will gradually be worn and thus need longer time to charge. This is normal. However, after normal charging, if call duration decreases but charging time increases,

you need to buy another battery from the original manufacturer or authorized by the original manufacturer. The battery of inferior quality can damage your mobile phone and cause danger!

- If the phone is overused at low battery when charging, there might need a longer time for the charge indicator to be shown on the screen.

Note: Please dispose the battery according to the local regulations. Try to recycle the battery as possible. Do not treat the waste battery as common waste.

Warning: Do not throw the battery into fire so as to prevent fire. The broken battery may cause explosion.

Warning

Charging the mobile phone by improper means can cause to explosion. Always refer to the related regulations for the disposal of the battery.

4. Use of Menu Functions

Phonebook

Search

Search a contact name in phonebook.

Add new contact

Add your contact into phonebook.

➤ To SIM

Save new entry to SIM card.

➤ To phone

Name: the contact name for this new entry;

Number: the number for this new entry;

View

You can view the detail information of entry.

Send text message

Input the message, and you can sent to the contract.

Send multimedia message

You can send multimedia message.

Call

You can dial out the number from phonebook.

Edit

You can edit the name and number of entry.

Delete

Delete contacts you choose.

You have two modes marking contacts: all and one by one.

Copy

Copy contacts you choose from SIM to phone, or from phone to SIM.

You have two modes marking contacts: all and one by one.

Send business card

You can send business card as you need.

Add to blacklist

You can add your contact to blacklist.

Mark several

You can choose several entries to send message.

Groups

You can set call tone, photo and members for five callers' groups. Callers' group member can only come from the number saved on phone.

Phonebook settings

- Preferred Storage: You can choose the storage path for the current number.
- Speed dial: set contacts on keyboard from 2 to 9, you can dial the number while you long press one of these keys.
- Extra number: you can set numbers as extra number,if so,you can not dial out any numbers except these extra number.

- **Memory Status:** You can view the current use status of the phonebook, including SIM card and phone memory. The display format is "Used/Total".
- **Copy contacts:** you can choose to copy the contacts from mobile phone to SIM card or from SIM card to mobile phone.
- **Move contacts:** you can choose to move the contacts from mobile phone to SIM card or from SIM card to mobile phone.
- **Delete all contacts:** You can have four modes regarding deletion: from SIM1, from phone and one by one.

Note:The mobile phone can store 300 groups of numbers.

Messaging

SMS is a kind of network service that cannot be used to send and receive short messages until you apply to the network operator.

Write Message

You can write message in this menu.

You can enter the phone number or choose a

number from the phonebook to send the SMS.

Inbox

You can see the SMS in the inbox.

- View: You can view the SMS or MMS and save photos, audio and annex.
- Reply by SMS: You can reply to the received SMS.
- Reply by MMS: You can reply to the received MMS.
- Call sender: You can make a call to the sender by pressing the key.
- Forward: You can directly forward this SMS/MMS to others.
- Delete: Delete the current SMS/MMS.
- Delete All: You can delete all SMS in inbox.
- Save to Phonebook: you can select to save the contacts number to SIM card or to phone.

Drafts

If you are editing the message and the messages are not

sent out immediately, the messages will be save here. You can send, edit, delete or have the advanced function.

Outbox

If you are editing the message and the messages are not sent out immediately, the messages will be save here. You can send, edit, delete or have the advanced function.

Sent messages

The message are sent and saved here.

Broadcast message

Cell broadcast is a kind of information service such as weather report, traffic etc that the network operator sends to the GSM users within certain area. In dual-SIM mode, you can separately set SIM1 and SIM2.

- Receive mode: You can ON/OFF such function.
- Channel Settings: You can choose, add and edit and delete channel number.
- Languages: You can set the language for the received information..
- Read messages: You cannot read the received information until you open such function.

Templates

With it, you can pre-edit some common phrases, which is convenient for quick SMS editing.

Message settings

Text message

- SIM: You can select SIM to set SMSC address, Validity period, Message type, Delivery report, Reply path, Preferred connection etc.
- Memory Status: You can view the capacity of the SIM card or the phone for SMS.
- Save sent message: You can choose on/off to save all of sent message.
- Preferred Storage: You can set the storage position (SIM or phone) for SMS.

Multimedia message

- Data account: Choose one of the media to have the mms functions.
- Common settings: Compose Sending, Retrieval and Memory status.

Service message

- Enable push: you can set accept all service messages or disable.
- service loading: Prompt, Auto launch and Disable.

Vicemail server

Edit the related options.

Call center

Call history

- Missed calls
- Dialed calls
- Received calls
- Delete call logs
- Call timers

This needs the support of the network service provider.

- 1.Last Call
- 2.Dialed calls
- 3.Received calls

- GPRS data counter

- 1.Last Sent
- 2.Last Received
- 3.All Sent
- 4.All Received
- 5.Reset Counter

Call settings

- Call ID: Set by network,Hide ID,Send ID.
- Call Waiting.
- Call Divert:

Name	Description
Divert all voice calls	The network will divert all voice calls without conditions.
Divert if unreachable	When the network cannot find your mobile phone (switched-off or out of the service area), it will divert the calls.
Divert if no answer	When the mobile phone does not answer the call, the network will automatically divert it.
Divert if busy	When you are on line, the network will divert the call.
Divert all data calls	Network support needed.
Cancel all diverts	Cancel all divert functions.

Call barring

- Outgoing calls

- Incoming calls
- Cancel all
- Change barring password

Line Switching

[Advanced settings]

- Blacklist
- Auto redial.
- Call time display
- Call Time reminder
- Answer mode

Multimedia

[File Manager]

You can manage photos, MP3 and folders.

[Phone]-- The storage body is phone.

[Open]: You can open Audio, Images, Photos, My Music and Video folders.

[Formatting]:You can format it to release space.

Camera

With this function, you can use the inbuilt camera to take photos. The lens of the camera is located on the back of the slide and the screen is used as the viewing window. All photos taken are in JPG form. After downloading the photos onto PC, you need some software to view them.

If the storage space of the mobile phone is insufficient to store the taken photos, it is necessary to delete some old photos or other files in "File Management" function list to release more space.

Description of Mobile Phone Options:

Options	Description
Switch to video recorder	To switch to video recorder.
Photos	To view the saved photos.
Camera Settings	Shutter Sound: sound 1, sound 2, sound 3 & off
	EV: EV-2 — EV+2.
	Anti-flicker: 50Hz (default), 60Hz.
	Contrast: High, Medium & Low
	Delay Timer: 5s, 10s, 15s or Off.
	Cont.Shot: 1 Shot, 3 Shot, 5 Shot and Off.

Image Settings	Size: 80*60, 160*120, 320*240, 640*480.
	Quality: Good, Normal, Low.
White Balance	Auto, Daylight, Tungsten, Fluorescent, Cloudy, Incandescence.
Scene Mode	Auto, Night.
Effect Settings	Normal, Grayscale, Sepia, Sepia green, Sepia blue, Color invert.
Storage	Phone, Memory Card.
Restore Default	You can restore the recorder to factory settings.

Image viewer

All photos taken are saved in the album.

Options	Description
View	You can view the selected photos.
Image info.	You can look up the image info.
Browse Style	There are two browse styles, i.e. list and matrix.
Send	As multimedia message; as email; via Bluetooth.
Use as	You can send photo to wallpaper ,Screen saver, power on display, power off display, call picture

Rename	You can rename the selected photo.
Delete	You can delete the selected photo.
Delete All files	You can delete all photos in the album.
Sort by	For convenience of search, you can rank them as per name, type, time and size or choose "None".
Storage	You can choose photos storage path (to phone or memory card).

Video recorder

Press the OK key to start video recording. The duration of recording depends on the time limit set and file management capacity. Entering the options, you can have the following settings:

Options	Description
camcorder Settings	You can set White Balance, EV, Night Mode and Banding for your recorder so as to have high-quality videos.
Video Settings	You can set Cartoon Quality.
Effect Setting	There are 6 options available.
Storage	Choose to store in Phone or Memory card.
Restore Default	You can restore the recorder to factory settings.

Video player

It supports the videos in AVI. In such mode, you can have the following operations to the specified file in AVI.

Options of the player

Options	Description
Play	It supports the videos in AVI and will not be limited by file size. Click the play interface to play.
Send	As multimedia message; as email; via Bluetooth.
Rename	You can rename the specified video.
Delete	You can delete the specified videos.
Delete All files	You can delete all files.
Sort by	For convenience of search, you can rank them as per name, type, time and size or choose "None".
Storage	You can choose video storage path (to phone or memory card).

Audio player

To download music, you must insert the T-Flash card into the mobile phone.

Description of audio player options:

Options	Description
Play	Play the current chosen music.
Details	View file name, track, SQ, file size, music duration, music name, singer, music special a music type etc.
Refresh list	Enter the tracklist and update it (e.g. the deleted music in the file management will not disappear until update is conducted).
Settings	Play Settings: Tracklist path, automatic tracklist, repeat, shuffle ,background play.

Sound recorder

After choosing "Sound Recorder" and press "OK" to enter, you can the previous record files. Press "Options" to have the following operations:

- New record: You can record new files.
- List: You can view all files.
- Settings: You can set the storage position for record files, including phone and memory card.

Also you can set the format of the record file, including AMR and WAV. As followings, you can set audio quality either Low or High.

Settings

Phone Settings

In such menu, you can set phone language, standby wallpaper, time etc.

- Time and date.
- Schedule power on/off
- Language
- Pref.input method
- Display
- Dedicated key
- Flight mode
- Misc. settings

SOS Settings

- SOS Button: On/Off
- SOS Numbers: Contact input /Manual input/Message edit /Send SMS config
- SOS Volume : Can adjust sound volume

- **User Information:** this is owner information for SOS, the user can edit personal related diseases and blood type so that ambulanceman rescue under emergency status.
- **Help :** Can view help information

Network Settings

Network Selection: You can search the network again. Select your favorite network and choose to register the network automatically or manually.

GPRS connection: You can set a connection way you want.

GPRS transfer pref.: You can set the preferred registered network for SIM card.

Security Settings

SIM security

- **PIN Lock:** You can set PIN lock (PIN code) as on/off. When this option is chosen, it is necessary to input PIN code for every insert of the SIM card.
- **Change PIN:** You can change PIN.

Phone security

- **Phone Lock:** You can set it as On or Off. It is a password of 4-8 digits and the defaulted one is 1122. You can change it.
- **Change password:** You can change the password.

Connectivity

Bluetooth

Power: Before using Bluetooth function, you need to activate this option.

Visibility: After this option is activated, other peripheral devices supporting Bluetooth wireless technology can see your device and its name via search. After the step audio play service is activated, this device will be unable to be searched.

My Device: After entering this option, you will see the Bluetooth devices compatible with the mobile phone. Entering options, you can have necessary operations on the desired Bluetooth device or search the incompatible Bluetooth devices.

Search audio device: With this function, you can inquiry audio device. For other devices, enter My Devices to search.

My name: Edit the name of the device here.

Advanced: Before using Bluetooth function, enter this menu to have corresponding settings. If your mobile phone's Bluetooth function is not activated, you can have activation confirmation.

- ◆ Audio Path: You can leave the audio on my device or send to other hand-free devices via Bluetooth. If using Bluetooth to have a call, set this path as hand-free devices.
- ◆ My address: View the details of My address.

Data account

GSM Data: You can set the number, name DNS etc.

GPRS: You can set the name, APN, user name, password, Auth. type, DNS.

Note: For related charging standard and detailed settings, please consult the local network service operator. Different network service providers provide different services. Consult the local network operator.

Restore Factory Settings

You can restore the factory settings of the mobile phone. The factory setting password is 1122.

Shortcuts

Here, you can choose shortcut function menu options; after specifying the shortcut functions for the two function keys, press the shortcut function key to enter this menu.

Profiles

Your mobile phone is provided with multiple profiles so that you can customize some settings in different cases for different events..

- Alert type.
- Ring Type.
- Incoming call.
- Ringtone volume.
- Message.
- Message Volume.
- Keypad.
- Keytone volume.
- Power on.
- Power off.
- System alert

Services

Internet service

- Homepage
 - Start the website chosen in the connection settings file.
- Bookmarks
 - WAP, Enter the options menu and have the following operations on the bookmark:
 - Go to
 - View
 - Add bookmark
 - Set as Homepage
 - Memory status
- Search or input URL
 - Input the website to be logged in.
- Recent pages
 - Record the latest 10 web pages browsed.
- Settings
 - Homepage: Default/User defined.
 - Data account: Automatic, China Mobile Internet, China Mobile MMS and China Mobile WAP.
 - Browser options-- You set whether to display images during waiting time and when browsing

- WebPages.
- Preferences: you can set Timeout, Show picture, Cache and Cookies.
- Security settings: you can have a view about trusted certificates as your phone guides you.

Alarm

The time format for the alarm clock is identical to that of clock. The system has set 5 alarm clock options and the defaulted is off. You can activate one option or all options according to the actual demand. Every alarm clock option can set independent time and date. Press Stop to stop alarm clock; press Sleep, then the mobile phone will pause ringing and continue after 4min.

If alarm time is reached but the mobile phone is switched off, then the mobile phone will be switch on automatically and ring. If Stop is pressed, then the mobile phone will ask you whether to switch on the mobile phone. Press "No" to switch off the mobile phone and "Yes" to register at the network and switch on the mobile phone.

Organizer

Calculator

- The upper direction key for "+", the lower direction key for "-", the left direction key for "x" and the right direction key for "÷";
- Press the clear key to clear the latest inputs or results digit by digit; press the clear key long to clear all content or result;
- Press "OK" key to obtain the result.

Note: The precision of this calculator is limited and can be used for simple calculation.

Calendar

- View
- View all.
- Add event.
- Delete event.
- Jump to Date.
- Go to today.

Tasks

You can have such operations as Create Memo, Browse, Add, Edit, Delete, Delete All and Send on memos.

If you have set alarm for the memo, when the

set time is reached, the mobile phone will ring and display the memo content.

5. Use of USB

Notices before use

- Always connect and stop USB device correctly.
- Never use Windows formatting command to format the mobile disk of the mobile phone; otherwise, it will be damaged severely.
- USB work environment:
 - For the different operation systems, the connection between PC and the mobile phone cannot be conducted unless USB driver is installed.

6. Maintenance & Safety

Please read and observe the following information for safe and proper use of your phone and to prevent damage. Also, keep the user guide in an accessible place at all the times after reading it.

Charger and Adapter Safety

Charger and adapter are designed for indoor use only.

Battery Information and Care

- Please dispose of your battery properly.
- Do not disassemble or short-circuit the battery.
- Keep the battery's metal contacts clean.
- Recharge the battery after long periods of non-use to maximize battery life.
- Battery life will vary due to usage patterns and environmental conditions.
- The self-protection function of the battery cuts the power of the phone when its operation is in an abnormal status. In this case, remove the battery from the phone, reinsert it, and turn the phone on.

General Notice

- Using a damaged battery or placing a battery in your mouth may cause serious injury.
- Do not place items containing magnetic components such as a credit card, phone card, bank book, or subway ticket near your phone.

- The magnetism of the phone may damage the data stored in the magnetic strip.
- Talking on your phone for long period of time may reduce call quality due to heat generated during use.
 - When the phone is not used for a long period time, store it in a safe place with the power cord unplugged.
 - Using the phone in proximity to receiving equipment (i.e. TV or Radio) may cause interference to the phone.
 - Do not immerse your phone in water. If this happens, remove the battery and take it to Authorized Service Center.
 - Do not paint your phone.
 - The data saved in your phone might be deleted due to careless use, repair of the phone, or upgrade of the software. Please backup your important phone numbers. (Ring tones, text messages, voice messages, picture, and videos could also be deleted.) The manufacturer is not liable for damage due to the loss of data.
 - Do not turn your phone on or off when the phone is close to your ear.

Troubleshooting

Phenomena	Possible Causes
Unable to switch on	<ol style="list-style-type: none">1. Does the battery have power?2. Is the battery placed correctly
SIM failed	<ol style="list-style-type: none">1. The SIM card is dirty. Clean it.2. Reinstall the SIM card.3. The SIM card is damaged. Replace it.
Poor signals	Check the signal strength icon on the screen. If the icon contains 4 bars, it indicates the signal is the strongest; if below 1 bars, it indicates the signal is very poor.

Unable to dial out	<ol style="list-style-type: none"> 1. Maybe you have set Hide My Caller ID but your network operator does not provide this service for you. 2. Strong interference exists around you. 3. Maybe you have activated the call restriction function. 4. Maybe you have activated Line 2 but your network operator does not provide this service for you.
Unable to charge the battery	<ol style="list-style-type: none"> 1. The battery may discharge too much; so it cannot be charged until it is connected for certain time. 2. Its performance has worsened.

Unable to register to the network	<ol style="list-style-type: none"> 1. Too weak signals or strong interference. 2. SIM card installed properly? Bad contact or SIM card damaged? If the SIM card is broken, please contact the network operator to replace it.
Unable to access service menus.	Maybe the SIM card does not support service function.
Only part of the photo set as standby photo can be seen.	The size of the photo may be too big. The recommended size is 220*176

7. Abbreviations

SMS	Short Message Service
EMS	Enhanced Message Service
SIM	Subscriber Identity Module

GSM	Global System for Mobile Communication
PIN	Personal Identity Number
PUK	PIN Unblocking Key
IMEI	International Mobile Equipment Identity
CB	Cell Broadcast
GPRS	General Packet Radio Service
MMS	Multimedia Message service
Card 1	Host card (the card inserted in SIM1 slot)
Card 2	Slave card (the card inserted in SIM2 slot)

8. FCC Certification

Specific Absorption Rate (SAR) information

SAR tests are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands, although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be

well below the maximum value, in general, the closer you are to a wireless base station antenna, the lower the power output.

Before a new model phone is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC. Tests for each phone are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC.

For body worn operation, this model phone has been tested and meets the FCC RF exposure guidelines when used with an accessory designated for this product or when used with an accessory that contains no metal and that positions the handset a minimum of 1.5 cm from the body.

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.