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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; unless 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. The use of the mobile phone is dangerous and illegal; do 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 supplier 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 supplier 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 -10°C-55°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.

Tip: This user manual is based on simplified Chinese operation mode; so it may vary in English operation mode.

Warning: We will not be bear any responsibility for any incompliance with the above guidelines or improper use of the mobile phone. Our company keeps the right to make modifications to any of the content here in this user guide without public announcement in advance. The content of this manual may vary from the actual content displayed in the mobile phone. In such case, the latter shall govern.

2. Mobile Phone Profile

This phone is the finger touch function, you're

your finger slide on the screen you can choose the related function. Below is the front of the mobile phone.





- | | |
|-------------|--------------|
| 1. Receiver | 5. Power key |
| 2. LCD | 6. Speaker |
| 3. OK Keys | 7. Camera |
| 4. Dial key | |

3. Preparation before Use

Install SIM Card

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

With these two SIM cards, you can use all functions of your mobile phone. The SIM cards save the parameters needed for communications and personal data, including PIN (Personal Identification Number) code, phonebook, short message and other extra system services.

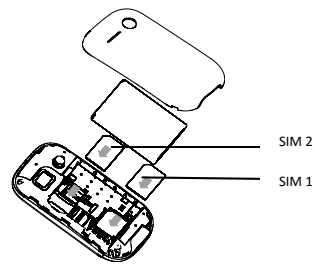
Warning: Do not distort or scratch the SIM card nor let it contact static, dust or moisture. If it is lost, please contact immediately your network operator for help.

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. Please insert the host SIM card into the SIM1 slot and the slave SIM card into the SIM2 slot.

Note: If SIM card is inserted only into the SIM1 slot, then only the host works; likely, If SIM card is inserted only into the SIM2 slot, then only the slave works. When two SIM cards are inserted into the SIM1 slot and SIM2 slot respectively, you can choose work mode freely as you wish.

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

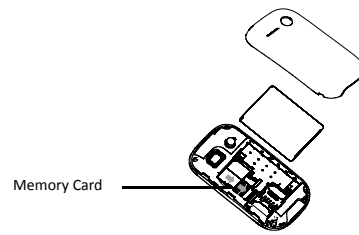


Install Memory card

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.



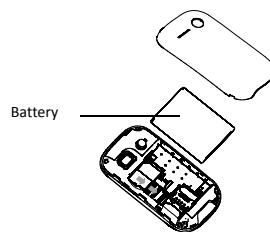
Note: As the T-FLASH card is small object, keep it out of children's touch or prevent children gulping it!

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.

Follow the following diagram to install the battery.

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



Charge Battery

The new battery cannot reach the optimal efficiency unless it has undergone several continuous complete charges and discharges.

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

After the battery is charged full, cut off the connection of charger with the AC power supply and the connection with the mobile phone.

Follow the following diagram to connect the charger.



Earphone Charger Port

During charging, the battery capacity icon on the screen flickers from the right to the left. After the battery is charged full, the icon is full of bars. Slight heat during charging is normal.

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. The standard voltage scope for the battery is 3.6V-4.2V.
- 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.

PIN code

PIN1 Code: It is the personal identification number used to enter SIM and able to prevent others using SIM1 without permission. If the mobile phone has activated the PIN1 code protection, when the mobile phone is switched on, the screen will display "Input PIN". In the process of inputting PIN1 code, the screen will use "*" to represent the input content. While obtaining SIM, you can obtain its PIN1 code.

PIN2 Code: It is the personal identification number used for some special functions such as paid call etc.

PUK Code and PUK2 Code(8-digit)

To change the locked PIN code, you need to use PUK (Personal Unblocking Key) code. To change the locked PIN2 code, you need to use

PUK2 code. If these two codes are not provided together with the SIM cards, ask the local service provider for them.

Warning: If the PIN code is input wrongly for successively three times, the SIM card will be locked. Please contact the network operator immediately for help. Attempt to unlock the code may make the SIM card ineffective forever!

4. Use of Menu Functions

Call Logs

Call history

Missed calls

With the function, you can view the duration of all missed calls.

Dialed calls

With function, you can view the duration of all dialed calls.

Received calls

With the function, you can view the duration of all received calls.

Delete call logs

- Dialed calls: With function, you can delete

the records of all dialed calls.

- Missed calls: With this function, you can delete the records of the missed calls.
- Received calls: With the function, you can delete the records of the received calls.
- All calls: With this function, you can clear all duration records of calls.

Note: The actual call duration and service time in the bill of the service provider may be different from them, which depends on the network functions, accounting rounding and tax etc.

Call timers

This needs the support of the network service provider.

- Last call: With this function, you can view the duration of the last call.
- Dialed calls: With this function, you can view the duration of all calls.
- Received calls: With this function, you can view the duration of the received calls.
- Reset all: With this function, you can reset all the records of the calls.

Text msg. Counter

With this function, you can see and preset the number of sent messages and received messages.

GPRS Counter

- Last Sent: You can view the sending traffic of last link.
- Last Received: You can view the reception traffic of last link.
- All Sent: You can view the sending traffic of all links.
- All Received: You can view the reception traffic of all links.
- Reset Counter: You can clear all link traffic.

Phonebook

Every contact saved into SIM1 and SIM2 can only include name and number. The mobile phone supports 1,000 groups of numbers.

View task

You can browse the details of the contact.

Send text message

Input the message, and you can send to the contact.

Send multimedia message

Input MMS, and you can send to the contact(s).

Call

You can make a phone call of the contact by

pressing this option

Edit

You can edit the name and the number of the contact.

Delete

You can have four modes regarding deletion: from SIM1, from SIM2, from phone and one by one.

Copy

You can copy all contacts from SIM1 to phone, from phone to SIM1, from SIM2 to phone, from phone to SIM2, from SIM1 to SIM2 and from SIM2 to SIM1.

Move

You can move the contact from the phone to SIM Card 1 or to SIM card 2

Send business card

You can send contact as text message, as multimedia message, as email or via Bluetooth.

Add to Blacklist

You can add the contact into blacklist.

Phonebook settings

- Preferred Storage: You can choose the storage path for the current number.

- Speed dial: On or Off
- My number: You can edit and send my business card.
- Extra numbers: Have the related choice to have the option.
- Memory Status: You can view the current use status of the phonebook, including SIM1, SIM2 and phone memory. The display format is "Used/Total".
- Copy contacts: You can copy the contact from SIM1 to phone, from phone to SIM1, from SIM2 to phone, from phone to SIM2, from SIM1 to SIM2 and from SIM2 to SIM1.
- Move contacts: You can move the contact from the phone to SIM Card or to SIM card 2
- Delete all contacts: You can have four modes regarding deletion: from SIM1, from SIM2, from phone and one by one.

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.

Both SIM cards of the mobile phone can send and receive SMS. The SMS is sent to the SMS center of the network and then sent by the

network to the target user (GSM user). If the user does not switch on the mobile phone or the mobile phone cannot receive the SMS (the memory is full), the network will save the SMS temporarily. The duration of storage depends on sender's settings and network service provider.

With this function, the mobile phone can send and receive chain text messages, which may affect the message fees. For more information, please consult the service provider.

When the SMS capacity is full, there will be an SMS icon flickering on the standby interface. The full capacity can affect SMS reception. Delete some SMS to solve the problem.

If the other party has received SMS, you will hear the alert sound from the mobile phone (if such alert function is set as ON)

Note: When sending SMS via the SMS network, the mobile phone display "Message sent". It indicates that the SMS has been sent to the SMS center inbox set in the mobile phone but does not mean the receiver has received the SMS. For more information, please consult the service provider.

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. In dual-SIM standby mode, you can choose to send the SMS via SIM1 or SIM2.

Inbox

You can see the SMS in the inbox.

- View: you can view the message body.
- Reply: You can reply to the received SMS/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 the messages from inbox.
- Save to Contacts: You can save the message to contacts.
- Mark as unread: Mark the message as unread.
- Advanced:
 - Copy to Phone: You can copy the entries in SIM card onto the phone.
 - Move to Phone: You can move the entries in SIM card onto the phone.
 - Copy all: you can copy all messages

- from phone or SIM.
- Move all: you can move all messages from phone or SIM.

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

The message is failed to be sent out and it will store here.

Sent messages

The message are sent and saved here.

Delete messages

Refer to the phone to delete the message of Inbox, Drafts, Outbox, Sent box, Archive and All messages.

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.

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

Templates

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

Message settings

SMS Settings

- Profile Settings: To send SMS, you must input the SMS center number.
Note: The SMS center number is provided by the network operator.
- Voicemail server: Edit the related options.
- Common Settings
 - Delivery Report: The network will inform you whether the other party has received the SMS and what the time is.
 - Reply Path: You can send the reply path to the network terminal. This function needs the support from the SMS

center.

- Memory Status: You can view the capacity of the SIM card or the phone for SMS.
- Preferred Storage: You can set the storage position (SIM or phone) for SMS.

Multimedia message

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

Service message

- Enable push: Accept all & Disable.
- Enable service loading: Prompt, Auto launch & Disable.

Settings

Dual SIM switch

- ✧ Manually selected by user
- ✧ Automatically decided by SIM card

Dual SIM settings

You can in any place and at any time set the multi-mode mobile phone as the following modes according to your own demand:

- ✧ Dual SIM open

- ✧ Only Master SIM open
- ✧ Only Slave SIM open

Pen calibration

Click anywhere on the screen with your finger to start the calibration.

User profiles

Your mobile phone is provided with multiple profiles so that you can customize some settings in different cases for different events. Firstly, as per your personal hobby, have individualized settings on profile and then activate it. You can have such profiles as General, Meeting, Outdoor, Indoor, Silent, Headset and Bluetooth.

The content can be edited at every profiles mode as following:

- Tone Setup: Include Incoming Call, power-on, power-off, Message Tone and Key Tone.
- Volume: Set the volume of Ring and Key Tone.
- Alert type: You can choose any one from Ring, Vibration, Vibration and Ring , Vibration then Ring as the current ring mode.
- Ring Type: You can choose any one from

single, repeat and ascending as the current ring type.

- **Extra Tone:** You can have on/off settings on Warning Tone, Error Tone, camp on Tone and Call Connect Tone so as to have corresponding tone tips.
- **Answer Mode:** You can choose whether to use any key to answer.

After individualized settings, choose “Activate” in “Select” to start profiles.

Note: After the headset is inserted into the mobile phone, the mobile phone will automatically change into headset profile. Unplug the headset to return to the previous profile.

In standby state, you can press # key to switch to silence profile and again to the previous profile.

Call settings

[SIM Card settings]

Call ID: you can choose set by network, Hide ID and Send ID.

Call Waiting: You can set this function On or Off. The call hold and multi-party call cannot be active unless this function is activated. This needs network support.

Call Divert: This is a kind of network function,

which cannot be used unless you apply to the network operator for it. With this function, you can divert calls meeting the conditions to another number.

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:

1. All Calls: You can bar all outgoing calls.
 2. International Calls: You can bar international calls.
 3. International Calls Except To Home PLMN: When abroad, you can dial the calls of the current country and the original country (the service providers allows to do so).
- Incoming Calls:
1. All Calls: You can bar all incoming calls.
 2. When Roaming: You can bar all calls except the calls of the local service area.
- Cancel All: You can cancel call barring settings and dial/receive calls normally.
 - Change Barring Password: You can apply to the network to change the password for call barring.

Line Switching: You can choose Line 1 or Line 2.

Closed User Group: This function needs network support. Please consult the local operator for details.

[Advance settings]

Blacklist: Choose Mode On/Off, and then input blacklist numbers.

Auto redial: You can set it as On or Off. After the first automatic redial fails, you can have at most ten times to connect a phone number.

Call Time display: On/Off.

Call Time Reminder: You can set one alert tone or periodic alert tone for several round minutes during call conversation so that you can understand call time. You can turn off the alert tone.

Auto call disconnect: Choose On/Off, and then set auto call disconnect time from 1 to 9999s.

Reject by SMS: On/Off.

Auto Call Record: On/Off.

Phone Settings

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

- Time and Date: With this function, you can set city, time and date format and the time of specific place.
 - **Set Home City:** You can set different cities.

Note: This option must be used together with

auto update of time and date. Auto update of time and data cannot be conducted unless the network supports.

- **Set Time and Date:** You can set the current time and date.
- **Set Format:** You can set the display format for time and date.
- **Update with time zone:** You can set it On or Off

Note: If the battery is taken from the mobile phone or the battery is used up for long time, when switching on the mobile phone after reinstalling the battery or charging the battery, you need to reset the time and date.

Special Note: In the area forbidding using mobile phone (such as cabinet), you must confirm to inactivate this function before entering this area so as to prevent accident.

- Auto Power on/off: You can set the time for schedule Power on/off.
- Language: You can choose the desired language for phone display.
- Vibrate while touch: On/Off.
- Pref.input method: Choose the preferred input method.
- Display: You can set standby menu display

- as wallpaper, screen saver, power on display, power off display, whether to display time and date and owner number (if set in the phonebook)
- Greeting text: You can set the greeting text displayed on the main screen.
 - Auto update of date and time: To set the mobile phone to automatically update time and date according to the current time zone, choose "Activate". Auto update of time and date will not affect the alarm clock, calendar or alarm clock memo setting time, which will be subject to the time and date when created. However, auto update of time and date may make some set alarm clocks out of date.
 - Dial settings: you can set characters as Arial, Calibri or Comic sans SN.
 - Font setting: Font size-Small, Media or Large; Font type-Arial, Calibri or Comic sans SN.
 - UART settings: Once connected to the computer, you can select the SIM card first as you choose here.
 - Misc. Settings: You can adjust the brightness and time of LCD backlight.

Network Settings

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

Preferences: You can set the preferred registered network for SIM card.

Security Settings

➤ SIM security settings

- **Lock:** You can set SIM 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.
- **Fixed Dial:** This function needs the support of the SIM card and the network operator. When it is activated, you can only dial the phone numbers saved in host fixed dial list. To activate it, you need to input host PIN2 code.
- **Change Password:** You can change the defaulted phone by referring to the service provider.

- **Phone Lock:** You can set it as On or Off. It is a password of 4-8 digits and the defaulted one is 0000. You can change it.
- **Auto Keypad Lock:** You can set it as On or Off. The mobile phone has keypad lock function. When it lasts certain time, the keypad will be locked, including such options as Off, 5s, 30s, 60s and 5min.
- **Change Password:** You can change the defaulted phone password "0000" into 4-8-digit number easy to remember. If the phone lock is activated, when switched on, the mobile phone will hint "Phone locked". To unlock it, you can input the phone lock password and click OK.

Connectivity

Bluetooth

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 0000.

Multimedia

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.
Use as	You can send photo to wallpaper, Screen saver and caller picture.
Send	As multimedia message; as email; via Bluetooth.
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.
Restore	You can restore the recorder to

Default	factory settings.
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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.
Use as	You can use as screen saver, power on display, power off display.
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).
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Audio player

To download music, switch off the mobile phone, connect the mobile phone and PC with USB cable, then the PC will detect the new hardware and create a new mobile HD. Download the chosen MP3 file to under "My Music" of the mobile disk rather than in such folders as Audio, Images and Photos; otherwise, the file cannot be played. (Only the music in MP3, AMR and MIDI are supportable).

Options	Description
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	Set Pre.palylist, list auto generate, Repeat, Background play and Bluetooth.

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.

FM radio

Your mobile phone supports FM radio. To use the mobile phone to listen to radio, you can choose to insert the headset connection cable into the headset port or directly listen to. The headset connection cable functions as the antenna of the FM radio, so it should hang freely. While listening to radio, you can dial or receive a call normally. During call conversation, the radio will turn mute automatically. If some applications are using GPRS or CSD to send or receive data, they may interfere with the radio.

When the FM radio is activated, the mobile phone will display the number and name (if having been saved) and frequency of the radio channel. If you have saved some radio channels

(at most 9 channels) in the mobile phone, you can roll to choose the desired channel or press any of number keys 1-9 to choose the corresponding channel.

Option menu

- Channel list: You can edit and save 9 channels.
- Manual input: You can edit the specified radio frequency band. The frequency of the radio is between 87.5 mHz and 108.0mHz.
- Preset Auto Search: You can have automatic search and save the searched channels into the list.
- Settings: You can set background play, loud speaker, record format, audio quality and record storage.
- Record: You can record new files.
- Append: You can have annex record for the files of the superior level (only for the record files in AMR).
- File list: the record files.

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
Photos	To view the saved photos.
Camera Settings	Shutter Sound: sound 1, sound 2, sound 3 & off
	EV: EV-2—EV+2.
	Banding: 50Hz(default), 60Hz.
	Contrast: High, Medium & Low
	Delay Timer: 5s, 10s, 15s or Off.
Image Settings	Cont.Shot: 1 Shot, 3 Shot, 5 Shot and Off.
	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	You can restore the recorder to

Bluetooth

Power: Before using Bluetooth function, you need to activate this option. When Bluetooth function or other functions are being used, allowing this function to operate in the back desk will consume more power. It is recommended to close this function when it is idle.

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: It is your device name.

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.
- ◆ Storage: if you receive videos, pictures or music, you can store it in the phone or memory card, if so, the received will be defaulted in the phone or memory card; or you can set Always asked, if so, you receive videos, pictures or music, it will ask you whether you store it in phone or memory card.
- ◆ Sharing permission: Full control or Read only.
- ◆ My address: you can see your device address.

Services

Internet service

You can surf internet with the mobile phone. Before the network operation, you should open your GPRS. And for more information about it, please contact the network provider.

File manager

You can manage files.

[Phone]-- The storage body is phone.

[Open]: You can click the screen to open it.

Organizer

Calendar

With this function, you can set the alarm clock to remind you of your schedule and record your schedule. Roll the highlight block to the desired date and then the current date will be highlighted in green. If the date is set with memo function, then this date will be highlighted in red. To view all memos of one day, press OK to see the schedule. You can have the following operations:

- **View:** You can view the schedule of the date where the cursor is on and set the time, date, content and whether to activate alarm on

this schedule of today. When editing the schedule, you can choose alarm type with the left and right direction keys. In addition, you can have such operations as Delete, Delete and Add on the schedule.

- View all: You can view the entire schedule of the date where the cursor is on and set the time, date, content and whether to activate alarm on this schedule.
- Add event: you can select task type as reminder, meeting, course.
- Delete event: You can delete the task as the phone guides.
- Jump to Date: You can move to the calendar of the specified date.
- Go to today: you can go to today.
- Go to weekly view: you can view events in a whole week.

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.

Alarm

World clock

Press the left and right direction keys to view the current time of every country corresponding to every time zone.

Calculator

Press the related keys to calculate the numbers.

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

Unit converter

Choose the function as the phone guide to convert the unit.

Text reader

After e-book is activated, the e-book list will be displayed. If there are e-books, you can choose one e-book and press Options to have such submenus as Open E-book, Update, System Preset, Details, Delete, Delete All, Ranking, Execute System Preset and Help.

- Open E-book: Activate the current e-book and enter the reading menu.

- Clean up bookshelf:
- Global settings: You can set Font Style, Font Size, Scroll By, Auto Scroll, Scroll Speed, Full Screen, Encoding, alignment and Storage Priority.
- Book info: Display the detailed information about the current e-book.
- Delete: Delete the current e-book.
- Delete All files: Delete all e-books.
- Sort by: You can have such options as As per Name, As per Type, As per Time, As per Size or None to rank e-books.
- Apply global settings: You can execute the options for the pre-set system.
- Help: You can have some operation instructions. Use key 0 to go to book settings screen; use key 1 for help; use key 2 to add a bookmark; use key 3 to go to find screen; use key 4 to go to jump to screen; use key 5 to go to bookmark; use key 6 to find next; use key 7 to toggle the auto scroll; use key 8 to remove bookmark; use key 9 to toggle full screen mode.

Alarm

When the mobile phone is off, the alarm clock

can still work provided the battery is sufficient. 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 clock option can set independent time and date. When the time is reached, the mobile phone will give out alert tone and flicker the current time and date on the screen. 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.

Chat

Twitter

It is a chatting tool and it needs networking connection. If you have GPRS settings, you can directly connect to internet service and have your entertainment.

Facebook

Facebook is a very popular social networking site around the world giving people the power to share and make the world more open and connected. Millions of people use Facebook everyday to keep up with friends, uploads an unlimited number of photos, share links and videos, and learn more about the people they meet. Please ensure that you have GPRS settings in your phone to open Facebook. Contact your operator for GPRS settings.

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:
 - Windows2000 / XP.
 - For other operation systems, the connection between PC and the mobile phone cannot be conducted unless USB driver is installed.

- The USB cable need shielded with cores.

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.

After sales service

You are kindly refer to the Warranty Card provided in the sales package box.

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
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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)

FCC Regulations:

●This mobile phone 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.

●This mobile phone 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 radiated 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.

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

- The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

► RF Exposure Information (SAR)

This mobile phone meets the government's requirements for exposure to radio waves. This phone is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg. *Tests for SAR 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. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the

closer you are to a wireless base station antenna, the lower the power output.

The highest SAR value for the model phone as reported to the FCC when tested for use at the ear is 0.607 W/kg and when worn on the body, as described in this user guide, is 0.503 W/kg (Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements.)

While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of www.fcc.gov/oet/ea/fccid after searching on FCC ID: YHLBLUSPARK.

For body worn operation, this phone has been tested and meets the FCC RF exposure guidelines for use with an accessory that contains no metal

and the positions the handset a minimum of 1.5 cm from the body. Use of other accessories may not ensure compliance with FCC RF exposure guidelines. If you do not use a body-worn accessory and are not holding the phone at the ear, position the handset a minimum of 1.5 cm from your body when the phone is switched on.

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Hearing Aid Compatibility

The Federal Communications Commission (FCC) defines Hearing Aid Compatibility (HAC) for wireless devices in terms of radio-frequency (RF) emissions and telecoil coupling. Cell phones are tested to see if they comply with the FCC's definition of hearing aid compatibility.

M refers to the RF emissions level of the handset device, and means the device is intended for use with hearing aids in microphone mode. The higher the "M" rating number on the device, the more likely the device can be used with a hearing aid on the microphone setting.

T refers to the device's telecoil coupling ability, and means the device is intended for use with hearing aids in telecoil mode. The higher the "T" rating number on the device, the more likely the device can be used with a hearing aid on the telecoil setting. A telecoil is a small device that is built into some hearing aids for use with the telephone as well as assistive listening devices. To use the telecoil, generally either the hearing aid is switched to the "T" position or a button on the hearing aid is pushed to select the telecoil program. Some newer hearing aids will automatically switch to telecoil mode when using

a phone. The telecoil picks up magnetic fields generated by telephones and converts these fields into sound. Telecoils are particularly useful for telephone communication because they permit the volume control of a hearing aid to be turned up without creating feedback or “whistling,” and background noise can be reduced especially when using cell phones in noisy places. A hearing health professional can determine whether a hearing aid contains a telecoil and how it is activated.

The Blu Spark is compliant with FCC HAC (hearing Aid compatibility) rules, with T3 rating and M3 rating.

Blu Spark with HAC function may make the uncomfortable feeling, such as buzzing, humming, etc noise, to hearing-device user when they are calling by mobile.

More information can be found on our website www.bluproducts.com