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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 a chemical factory, gas station or other explosive objects.

While driving, please use a headset for safety purpose; unless otherwise in emergency, always stop the car by the 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 a heart pacemaker, deaf-aid and some other medical equipments, because the mobile phone can cause interference with them.
- Non-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 does not come in contact with any liquid; once such case occurs, remove the battery and contact the supplier immediately.
- Do not use the mobile phone in an environment at too high or too low a temperature, never expose the mobile phone under strong sunshine or too wet an

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 a 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 made.

Disclaimer: Micromax will not bear any responsibility for any incompliance with the above mentioned guidelines or improper usage of the mobile phone. Micromax 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





- | | |
|------------------------|-------------------|
| 1. Speaker | 7. Back key |
| 2. LCD | 8. Retreat key |
| 3. Track Ball / OK key | 9. MSN shortcuts |
| 4. Call key | 10. QWERTY keypad |
| 5. Main menu key | 11. Speaker |
| 6. Face book shortcuts | 12. Camera |

2.1 Technical Specification

Network	GSM/GPRS: 900/1800 dual On, dual standby
Battery	3.7V 1000mAh lithium-ion battery
Charger	Input: 100-240V ~ 50/60Hz Output: 5VDC, 750mA
Size	115 x 62 x 12.5mm
LCD	2.2 inch, TFT, QVGA(240x 320)
GPRS	Class 12
Multimedia	MP3 Player, Camera, Radio, Audio Recorder, Video
External memory	Slot Available

3. Preparation before Use

3.1 Installing the SIM Card

When registering the 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.

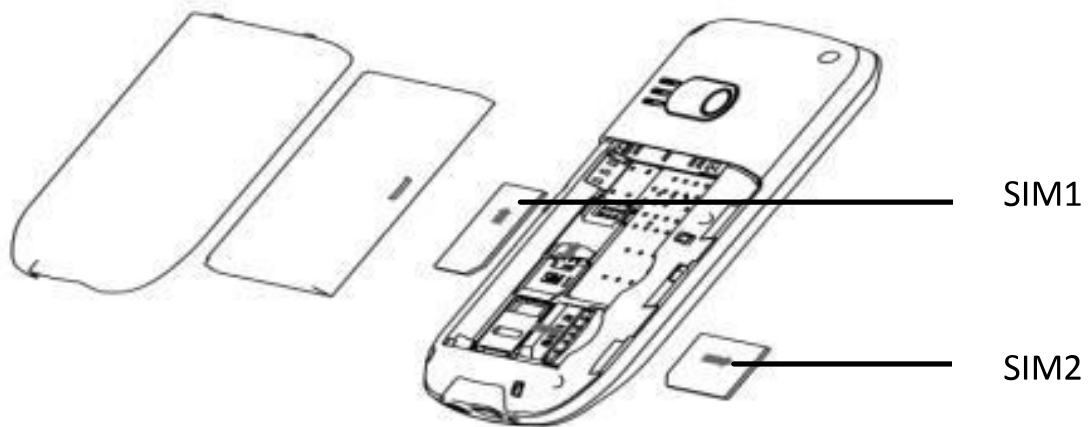
Warning: Do not distort or scratch the SIM card nor let it come in contact with dust or moisture. If it is lost, please immediately contact your network operator for help.

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; similarly, 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.

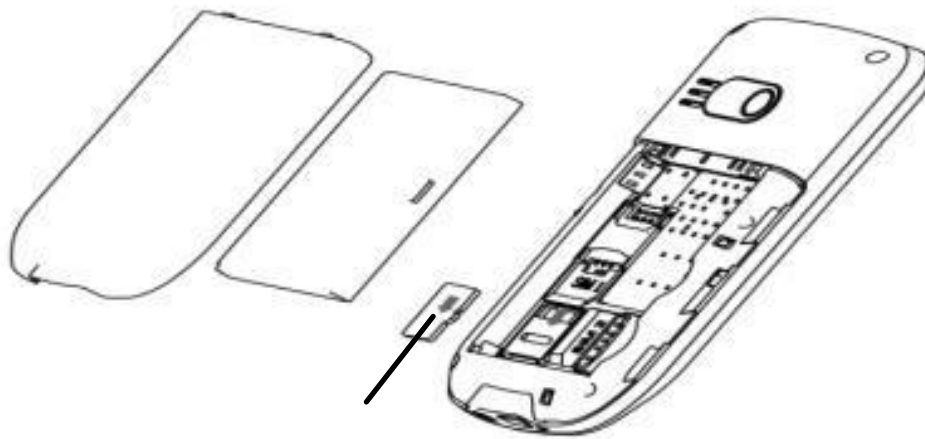
Note: As the SIM card is a small object, keep it out of children's touch.



3.2 Installing the Memory card revamp

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

Installing the 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.



Memory card

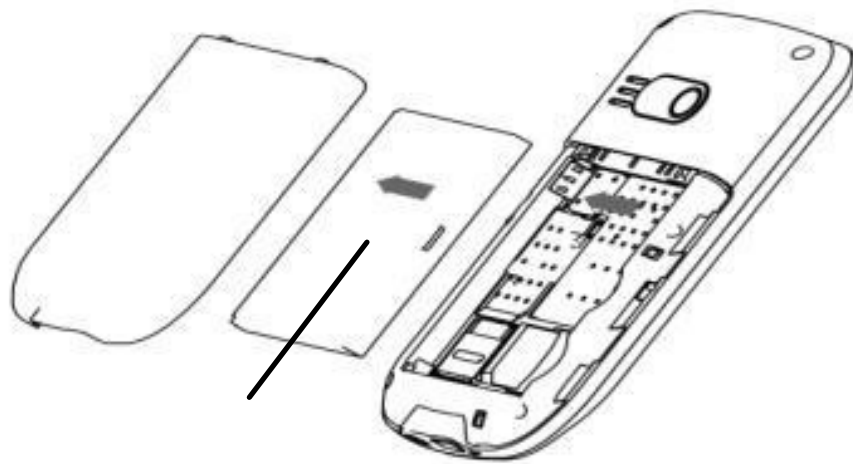
Note: As the T-FLASH card is a small object, keep it out of children's touch.

3.3 Installing the 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 to prevent the battery contact patch from being damaged.



Battery

3.4 Charging the Battery

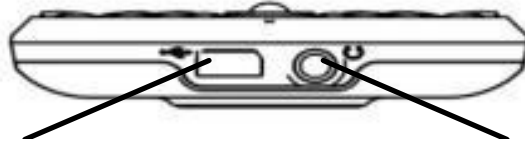
The new battery cannot reach the optimal efficiency level unless it has undergone several continuous complete charges and discharges.

When the battery is used up, charge it in time.

Over-discharge can damage the battery.

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

Follow the following diagram to connect the charger.



Charger port / USB

Earphone

During charging, the battery capacity icon on the screen flickers from the right to the left. After the battery is charged fully, 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 near dry places.

3.5 Notice on using the battery

The performance of the battery is affected by many factors, including radio barrier network settings, 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 needs a 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, it may take the charge indicator a longer time to show up 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 an explosion.

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

3.6 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. General Instructions

4.1 Dial key

It is used to dial a call (with phone number entered or in phonebook state) or receive an incoming call. In standby state, press this key to display the latest call register (SIM1 and SIM2 support respectively 20 call entries, including received calls, missed calls and dialed calls). In dual-SIM standby mode, press this key to have an option menu on which you can choose to operate via SIM1 or via SIM2.

4.2 Switch-on/off key /End key

In call state, it is used to interrupt a call; in call conversation state, it is used to end a call or exit from the current menu and back to the standby state. Hold this key for 4~5s to switch on/off the mobile phone.

4.3 Standard keypad

On the keypad, you can see A-Z (0-9 number keys) number keys, * key and # key, totally 42 keys.

Press these keys to input phone number,

password, English letters, symbols or choose menus.

In different states or different functional menus, '+' key and '-' key have different functions:

- Press "SPEAKER" key long to start or exit from the silence mode.
- In music player state, '+' and '-' are used to adjust volume.

Tip: The difference between 'W' and 'P' is that 'P' will directly send DTMF after 3s pause while 'W' will eject a window asking whether the user wants to send DTMF.

4.4 AM/FM function key

- OK key: In radio state, press the key to stop
- In search state, press the left/right key to search channels forward and backward, press the OK key until you find an effective channel.
- 1-9 number keys: If they are pressed shortly, you can switch to the corresponding channels saved in the channel list; if they are pressed long, you can save the current frequency to the corresponding channel.
- +, - key: Adjust volume.

4.5 Keypad lock

When in standby interface, if the mobile phone is idle for certain time, it will be locked automatically. Press the Unlock key and “*” to release. After the mobile phone is locked, the keypad cannot be activated easily; in case of incoming call, likewise, press the answer key to receive it; after that, the keypad will be locked automatically.

4.6 Icons in Standby State

	Indicates signal strength		Indicate the battery level
	Alarm clock is active		Keypad is locked
	There is new message(s)		Host line 1
	There is missed call(s)		Host line 2
	In normal mode		Slave line 1
	Vibrate then ring		Slave line 2
	Ring		MMS
	Vibrate		Inbox PUSH



Ring and vibrate



GPRS



Call divert

4.7 Language and Input Mode

The mobile phone has abc as the default input mode. For different areas, there are different languages and corresponding input modes.

Call hint

The mobile phone is inbuilt with vibration motor and buzzer and provides several incoming call modes:



Ring



Vibration



Ring and vibration



Ring after vibration

4.8 Services

Services are provided with SIM kit. The mobile phone support service function. The detailed menu items depend on SIM card and the network. When the network provides such function and your SIM card supports such function, the service menu will automatically be posted in the services of the mobile phone.

4.9 Caller group

The caller group in the mobile phone includes friends, family, VIP, colleagues and others etc. You can set different call tone and photo for different callers' group.

5. Terms Description

5.1 Dial domestic calls

- The simplest method to dial a domestic call is to input phone number via the number keypad, then press dial key to dial call. To change phone number, press "del key". During dialing, the screen will display a cartoon. If SIM card 1 call, "SIM1-" occurs; if SIM card 2 call, "SIM2-" occurs. When the other party is connected, the screen will display the corresponding information.
- Press end key to end the call.
- To dial a domestic call, input area code + phone number and then press the dial key.

5.2 Dial international calls

- If you want to make an international call, you can press * key continuously until the international dialing prefix '+' is seen on the screen. This will allow you to make an

international call from any country without knowing the dialing prefix (for example, +62 represents Indonesia).

- After inputting the prefix, you need to input the Country number and complete telephone number. You can input the Country number according to the common practice, such as, 49 for Germany, 44 for Britain, 46 for Sweden, etc.
- Dial international telephone number as following: '+' Country number +Complete telephone number + Dial key.

5.3 Dial extension

- Some fixed-line telephone extensions may not directly get through, so you need to connect to the switchboard at first then put through extension number. The mobile phone can automatically dial extension number if you input 'P' between the switchboard and extension number. Method for input 'P' as following: hold press or continually short press three times '*' key ('P' will be shown on the display).
- Dial fixed-line telephone extension as following: phone number + 'P' + extension

number + dialing key.

5.4 Emergency calls

If your phone is under the network coverage (you can know this by checking the signal bar at the up left corner on the screen), you can make emergency calls. If your network supplier does not provide roaming service in this area, Emergency will be shown on the screen. That means you can only make these kind of calls. If your phone is under the network coverage, you can even make emergency calls without the SIM card.

* In some areas, 112 (emergency call) service is provided by the network operator. In case of failure, consult the network operator.

6. Basic operation

6.1 Switch on

Press the switch-on/off key to start the mobile phone, then the screen will display switch-on image. Then you can enter Settings menu to set phone modes, including SIM1 & SIM2 On, Only SIM1 On, Only SIM2 On and Flight. The default one is Only SIM1 On.

After inserting the SIM card, the mobile phone will automatically check the SIM card availability,

and then it will show information as following on the display:

- Input phone password——If you have set the password.
- Input PIN —— If you set SIM card password.
- No service—Indicates fail to make register and cannot make any calls.
- Emergency calls only—indicates has registered to other network and only can make call to 112.
- Searching—the mobile phone is searching network until find appropriate network;
- Operator name—Indicates network successfully registered.

Note: If you do not know PIN code, please contact the network service provider.
The default phone password “0000”.

6.2 Switch off

To switch off the mobile phone, press the end key. When the screen displays switch-off cartoon, the host and the slave will be off at the same time. Do not take out the battery to switch off the mobile phone. If so, the SIM card can be damaged easily and some data will be lost.

6.3 Dial a Call

- With the number keypad, you can enter phone numbers (if wrong characters are

input, press the clear key to delete them). Press the dial key to dial the phone number. In SIM1 and SIM2 On state, you can choose to dial a call via SIM1 or SIM2. To end a call, press the end key; or to cancel a dial, press the Cancel key or the switch-on/off key. After the call is connected, you can see the call timer on the screen.

- Dial a call via phonebook: Enter the phonebook and search the desired name/phone number, and then press dial key to dial call.
- Redial latest dialed number: In standby state, press dial key to view the list of the latest dialed 20 phone number or names. Roll to the desired phone number or name and press dial key to dial call.

6.4 Adjust Receiver Volume

In call conversation, press the “+” and “-” to adjust the volume of the receiver.

6.5 Answer a Call

When there is a call, as per the settings of the mobile phone, you will be alerted with ring, vibration, vibration and ring as well as ring after vibration.

To receive a call, press Dial/Call Key.

To refuse a call, press Switch-on/off key or the end key directly.

If the CLI (Call Line Identity) is opened, the phone number of the caller will occur on the screen. If this number has been saved in the phonebook, the name corresponding to this number will be displayed on the screen.

6.6 Send DTMF Signal

When this function is set, in call conversation, press the desired number key and * key and # key to send DTMF signals to the other party. If such function is inactive, then extension call will become impossible.

6.7 Dial Hold

If you have applied for dial hold, in the call conversation process, press “Options” to have the following function menus:

- Pause: Pause the current call but with the line keeping connected.
- End: End the current call conversation.
- New Call: Enter the dial interface, dial

another call.

- Phonebook: Enter the directory of the phonebook.
- SMS: Enter the directory of the SMS.
- Record: While having call conversation, you can record the call.
- Activate/Inactivate Handfree: You can activate/inactivate the speaker.
- DTMF: You can set whether to send DTMF signals.

Note: Some menu items need the support of the local network or can occur in special cases, such as Conference and New Call. Consult the local network operator for details.

6.8 Fast Read SMS

When the user receives unread SMS, the screen will display an icon of unread SMS. Press Read to enter and read the SMS. The SIM card 1 unread SMS icon is marked with “1” and SIM card 2 unread SMS icon is marked with “2”.

6.9 Missed Calls

When there is a missed call incoming, the screen will display a missed call icon. And press Read to

enter and read missed calls.

6.10 Connect to Voice mail

The mobile phone allows connecting the incoming call into the voice mail and then you can receive a notice about voice message. (The voice mail number must be preset).

7. Use of Menu Functions

7.1 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 will 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.

7.1.1 Write Message

You can write message in this menu.

To write SMS, press “Aa” key to switch input modes, “sym” key to select Symbol;—press “Del key” to clear one character before the cursor, long press “Del key” to delete all characters; press the end key to go back to the standby interface, press the up and down direction key to

choose characters, press “select” key to confirm.

The mobile phone can send the chain SMS more than characters (limit for common text messages). If the SMS contains more than 140 English characters, then the SMS will be split into 2pcs or more. You can insert images, cartoons, rings etc into SMS. However, the SMS will not be received and displayed unless the network and the receiving mobile phone support.

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.

7.1.2 Inbox

You can see the SMS/ MMS in the inbox.

- Reply: You can reply to the received SMS/MMS.
- Delete: Delete the current SMS/MMS.
- Forward: You can directly forward this SMS/MMS to others.
- 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.

- Delete All: You can delete all SMS /MMS in inbox.
- Copy all: You can have two options, i.e. copy all entries on the SIM card in the inbox onto the phone or vice versa.
- Move all: You can have two options, i.e. move all entries on the SIM card in the inbox onto the phone or vice versa.
- Use Number: You can extract the number in the SMS and save it or dial a call.

7.1.3 Outbox

While sending SMS/MMS, you can choose 'Save and Send' and you can save the SMS/MMS into the Outbox. You can directly save the edited SMS into the Outbox, in such a case; the Outbox will display 'No number', i.e. no target number. If you fail to send the SMS/MMS, it will be saved in the Outbox. Also, you can have such operations as send from SIM1, send from SIM2, edit, delete, copy to phone move to phone, delete all, copy all, move all, use number, use URL, use USSD and use email address.

7.1.4 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 a certain area. In dual-SIM mode, you can separately set SIM1 and SIM2.

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

7.1.5 Templates

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

7.1.6 Message Settings

Text message

You can set some parameters of the SIM1 SMS or SIM2 SMS in the menu.

- Profile Settings: To send SMS, you must input the SMS center number.

Note: The SMS center number is provided by the network operator.

- 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

MMS can contain words, sound and photos. If the MMS is out of the limit, the mobile phone will be unable to receive the MMS. If the MMS contains photos, the mobile phone will adjust photos so as to display them on the screen completely.

The display effect of MMS depends on reception

devices.

Note: You cannot use photo messages unless the network operator or service provider supports to do so. You cannot receive and display MMS unless the mobile phone has the compatible MMS or e-mail function.

You can set some parameters of the MMS in the menu.

Compose:

- Creation Mode—‘Restricted’ and ‘free ‘.
- Picture resizing-- You can reduce the size of the inserted photo including: 160*120,320*240 and Off.
- Best page time.
- Automatic Signature-- You can switch on/off such function.
- Signature: You can edit the content of the automatic signature.

Sending:

- Validity Period-- You can set the time to save in the MMS service center and send, including 1h, 6h,12h, 1d, 1w and Max.
- Delivery report--You can switch on/off such function.

- Read Report- You can switch on/off such function.
- Priority-- Including Normal, High and low.
- Slide timing-- The time space when the other side reads the MMS. Default is five seconds. Max sliding timing: 60 seconds.
- Delivery timing—immediately, in one hour, in twelve hours, in 24 hours.

Retrieval:

- Home Network-- Delayed, immediate and rejected.
- Roaming -- The same as to the main network, including as home, Delayed and rejected.
- Read Report—on request, Send, never Send.
- Delivery Report-- on and off.

Memory status:

You can know the memory status here.

Server Settings: In dual-SIM mode, you can separately set SIM1 and SIM2. After choosing

Settings, you can have the following settings:

- Activate profile.
- Edit profile
 - Rename profile-- Sun WAP.
 - Homepage--
<http://wap.suncellular.com.ph>.
 - Data account—Sun GPRS
 - Connection Type-- HTTP.
 - User Name-- You can edit the name of the user.
 - Password-- You can set password.
- Memory Status:

You can see the utilization rate of the mobile phone, including the used space and the free space.

7.2 Phonebook

The mobile phone is provided with the business card folder type phonebook. The information of every contact saved on the mobile phone includes three phone numbers (mobile phone, home phone and company phone), company name, e-mail, fax, birthday, big-head sticker, tone, callers' group (five types: family, friends, VIPs,

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

7.2.1 View

You can browse the details of the contact.

7.2.2 Send message

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

7.2.3 Call

You can make a phone call of the contact by pressing this option

7.2.3 Edit

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

7.2.4 Delete

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

7.2.5 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.

7.2.6 Move

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

7.2.6 Send contract

You can send the contact as the phone guide, as text message, as multimedia message, as email and via Bluetooth.

7.2.7 Add to Blacklist

You can add a contact into the blacklist.

7.2.8 Mark several

With this choice, you can select several contracts, and continue the corresponding choice.

7.2.9 Caller Groups

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

7.2.10 Phonebook Settings

- **Memory Status:** You can view the current use status of the phonebook, including SIM1, SIM2 and phone memory. The display format is 'Used/Total'.

- Preferred Storage: You can choose the storage path for the current number.
- Fields: You can choose the display items in the phonebook and the display items in the Add Contact interface.
- My vCard: You can edit and send my business card.
- Vcard version: Including vcard 2.1 and vcard 3.0

7.3 IM

7.3.1 MSN messenger

This mobile phone provides inbuilt MSN application. To run this application is simply to navigate into application and enter MSN ID and password like to do it on your computer. You should set the network parameters required to run the MSN application. You need to set the parameters correctly based on the SIM card you are using. To set the parameters, kindly refer to Menu > Services > Data account > GPRS. Please consult the operator to have the correct settings and make sure the mobile phone can connect with internet and access the WAP function.

7.3.2 Google talk

With this function, you can have communication with others, by inputting the Users name and the password, enter the interface as the phone directs.

7.3.3 Ebuddy

Input the User name and the password, enter the interface as the phone directs.

7.4 Facebook

By pressing this tab, you will be connected to facebook. Then, you can enjoy accessing the well known facebook social networking.

7.5 Opera mini

This application is a web browser, that allows you to open a Website through your phone. Just put a web site address and press OK to visit the web site.

For further information, you can get it in <http://www.opera.com>

7.6 Call History

Call center includes Call history and Call Settings. In dual-SIM mode, you can separately search the call register of SIM1 and SIM2 and set separately some operations corresponding to SIM1 and

SIM2. In mono-SIM standby mode, you can set the available SIM card and see its call registration.

Call history includes missed calls, dialed calls and received calls, delete call log, call time, call cost, SMS counter, GPRS counter etc.

In missed calls, received calls and dialed calls function list, you can see the date and time of the call, edit or delete the phone number in the list, save the number to phonebook or send SMS and MMS to the number, etc.

Note: SIM1 and SIM2 contains respectively 20 entries. Choose any entry from missed calls, received calls and dialed calls, press the Send key to dial the number directly.

7.6.1 Call timers

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

7.6.2 Call Cost

This needs the support of the network service provider.

- Last Call Cost: With this function, you can view the fees of the last call.
- Total Cost: With this function, you can view the fees of all calls.
- Reset Cost: With this function, you can clear all fee records.
- Max Cost: With this function, you can limit call fees in the specified pricing unit or currency unit. PIN2 code must be input to set call cost.
- Price Per Unit: This function needs network support. For more details, please consult the network operator.

7.6.3 SIM text message Counter

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

7.6.4 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.

7.7 Settings

Dual SIM settings

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

- Dual SIM open
- Only SIM1 open
- Only SIM2 open
- Flight mode

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, you can have individualized settings on profile and then activate it. You can have such profiles as General, Meeting, Outdoor, Indoor, Headset, Headset and Bluetooth.

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

- Tone Setup: Includes 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, press # key to switch to 'silent' profile and again to the previous profile.

Phone Setup

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 there is network support.

- Set Time and Date: You can set the current time and date.
- Set Format: You can set the display format for time and date.

Note: If the battery is taken from the mobile phone or the battery is used up for a 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.

- Schedule Power on/off: You can set the time for schedule Power on/off.
- Language: You can choose the desired language for phone display.
- Preferred Input Methods: You can set the input methods of the mobile phone according to your operation habit.
- Display characteristic: 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.

- Misc. Settings: You can adjust the brightness and time of LCD backlight.

Call settings

[SIM Card settings]

Caller ID: Including set by Network, hides ID and send ID.

- Set by Network: While having a call conversation, you can send my caller ID in the form preset by the system.
- Hide ID: While having a call conversation, you will not send my caller ID. If the system does not support such function, call may fail.
- Send ID: While having a call conversation, you can send my caller ID to the system.

Note: This function needs network support.

Call Waiting: You can set this function to 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 call 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 Diverts	All	Cancel all divert functions.
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Call Barring

Outgoing Calls:

- All Calls: You can bar all outgoing calls.
- International Calls: You can bar international calls.
- 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:

- All Calls: You can bar all incoming calls.
- 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.

[Advanced settings]

- **Blacklist:** You can set the blacklist as the

phone guides.

- **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.
- **Background sound:** Background sound in call
- **Call time Display:** You can set whether to display call duration during call conversation.
- **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 quick end:** You can set call duration. After the set time expires, the mobile phone will automatically end the call.
- **Reject by SMS:** You can have this function as choose it On/Off.

Note: Some settings need network support. For example, call barring can not be used unless the local network and SIM card open it.

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 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.
- **Phone Lock:** You can set it as On or Off. It is a password of 4-8 digits and the default 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.
- **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.
- **Barred Dial:** You can set barring all or some dials. (SIM card support needed)

- **Change Password:** You can change the default phone password '0000' into 4-8-digit number that is 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.
- **Certificate manager:** You can browse the certificate as the phone guides.

[Connectivity]

Bluetooth

The mobile phone supports the Bluetooth function. You can use Bluetooth wireless technology to set wireless connection with other compatible devices, including mobile phone, computer, headset, in-car accessories etc. With Bluetooth function, you can send photo, video segment, audio segment, personal business card and memo. You can also establish wireless connection with the compatible PC to transmit files and connect to web by dialing number via SIM.

As the device supporting Bluetooth wireless technology performs communications via wireless wave, you need not keep the device opposite to other devices but keep the distance

between them not more than 10m (about 33"). However, Bluetooth connection can be affected by wall or other electronic equipments etc. To ensure mutual operation between this device and other devices supporting Bluetooth wireless technology, consult the manufacturer to confirm whether the device by it is compatible with this device. Do not use Bluetooth function in hospital and aircraft etc.

Bluetooth Menu

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.

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

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.

Active Devices: With this function, you can see all devices connected with the mobile phone and their link service type. You can interrupt the specified link service.

Settings: 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.

- **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.
- **Change Device Name:** You can edit my device name.
- **Authentication:** After this option is activated, matching is needed when peripheral device accesses 'my device' via Bluetooth (for matched devices as well). After closing the option, no matching is needed for the matched devices.
- **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.

- **FTP Settings:** You can set the file directory shared by my device and the access right to online Bluetooth devices.

About: Here, you can see the name of my device, my device's Bluetooth device address and the Bluetooth services supported by my device.

Tip: When searching Bluetooth devices, make sure that the peripheral Bluetooth devices are within the signal cover range and can be searched. To match the searched devices, you need to discuss with the user of this device about a pair of matching passwords. To match the hands-free device, you must input its matching password. After matching, this device will be saved in my device view.

Conn. Management

It shows the status of the connectivity

Data account:

GSM Data

GPRS-- The use of GPRS data will be provided with the following ID information, such as mobigprs

- Account Name: mobigprs
- APN: internet: m-WAP

- User Name: mms
- Password: mms
- Auth.type: Normal
- Primary DNS:
- secondary 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.

[Sound effect]

You can set the sound effect of the audio effect and the bass enhancement.

7.8 Organizer

7.8.1 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's. 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, and 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 weekly view: You can go to weekly and monthly view.

7.8.2 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.

7.8.3 Alarm

The time format for the alarm clock is identical to that of the clock. 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 default 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. 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.

6.8.3 World Clock

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

7.8.4 Phone sync

Choose the function as the phone guide to have the phone synchronism

7.9 Multimedia

7.9.1 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.

Received

Audio—Audio folder

- Play: You can play the selected content.
- Forward: You can send audio to Profiles, MMS, e-mail and SMS.
- Details: You can see the date and size of the

file.

- Rename: You can rename the folder.
- Copy: You can copy the file into Audio, Images, My Music, Photos, Video or specified folders.
- Move: You can move the file into Images, My Music, Photos, Video or specified folders.
- Delete: You can delete the current record.
- Delete All files: You can delete all records in all current folders.
- Sort by: You can rank files as per name, type, time and size or choose 'None'.

Images—Images Folder

- View: You can see the current image.
- Forward: You can send images to screen saver, Switch-on Cartoon, Switch-off Cartoon, Phonebook, MMS and SMS etc.
- Details: You can see the date and size of the file.
- Rename: You can rename the folder.
- Copy: You can copy the file into Audio,

Images, My Music, Photos, Video or specified folders.

- Move: You can move the file into Audio, My Music, Images, Photos, Video or specified folders.
- Delete: You can delete the current record.
- Delete All files: You can delete all records in all current folders.
- Sort by: You can rank files as per name, type, time and size or choose “None”.

My Music—MP3 Folder

- Play: You can play the current MP3.
- Forward: You can send music to Profiles, MMS and SMS.
- Details: You can see the date and size of the file.
- Rename: You can rename the folder.
- Copy: You can copy the file into Audio, Images, Photos, Video are specified folders.
- Move: You can move the file into Audio, Images, Photos, Video or specified folders.
- Delete: You can delete the current record.

- Delete All files: You can delete all records in all current folders.
- Sort by: You can rank files as per name, type, time and size or choose 'None'.
- Photos—Photo Folder
- View: You can see the current photo.
- Edit: You can enter photo artist and edit the desired photo.
- Forward: You can send photos to screen saver, Switch-on Cartoon, Switch-off Cartoon, Phonebook, MMS, e-mail and SMS etc.
- Details: You can see the date and size of the file.
- Rename: You can rename the folder.
- Copy: You can copy the file into Audio, Images, My Music, Photos, Video or specified folders.
- Move: You can move the file into Audio, My Music, Images, Video or specified folders.
- Delete: You can delete the current record.
- Delete All files: You can delete all records in all current folders.

- Sort by: You can rank files as per name, type, time and size or choose 'None'.

Video—Video Folder

- Play: You can play the current video.
- Forward: You can send videos to Phonebook, MMS, e-mail, Switch-on Cartoon and Switch-off Cartoon.
- Details: You can see the date and size of the file.
- Rename: You can rename the folder.
- Copy: You can copy the file into Audio, Images, My Music, Photos, Video or specified folders.
- Move: You can move the file into Audio, Images, My Music, Photos or specified folders.
- Delete: You can delete the current record.
- Delete All files: You can delete all records in all current folders.
- Sort by: You can rank files as per name, type, time and size or choose 'None'.

- Create Folder: Under the root directory, you can create a new folder to save more detailed files.
- Format: Formatting can clear all files in the mobile phone and newly created folders. After formatting, you need to restart the mobile phone and the Audio folder and Images folder will restore automatically and Photos folder will automatically occur after the first photo is taken.

Memory Card

- Open: You can open the files in the memory card.
- New Folder: Under the root directory, you can create a new folder to save more detailed files.
- Format: You can format all files in the memory card.
- Remove: You can remove the desired memory card from the mobile phone safely.

7.9.2 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 and
	EV: EV-4 — —EV+4.
	Contrast: High, Medium, Low.
	Banding: 50Hz(default), 60Hz.
	Delay Time: 5s, 10s, 15s or Off.
	Cont.Shot: 1 Shot , 3 Shot , 5 Shot and Off.
Image Settings	Size: 320*240,640*480,1280*960,1600*1200.
	Quality: High, Normal, Low.
White Balance	Auto, Daylight, Tungsten, Fluorescent, Cloudy

Scene Mode	Auto, Night.
Effect Settings	Normal, Grayscale, Sepia, Sepia green, Sepia blue
Storage	Phone, Memory Card.
Restore Default	You can restore the recorder to factory settings.

7.9.3 Image viewer

All photos taken are saved in the album.

Options	Description
View	You can view the selected photos.
Slide show	You can browser pictures as Slide show.
Edit	You can edit the pictures as the phone guides.
Browse Style	There are two browse styles, i.e. list and matrix.
Use as	You can send photo to wallpaper ,Screen saver, power on display, power off display, call 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).

7.9.4 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 Default	You can restore the recorder to factory settings.

7.9.5 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).

7.9.6 Audio Player

If the operation system is Windows 2000 above, no driver needs installing. To download music, you must insert the T-Flash card into the mobile

phone, 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).
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.
Add to Ringtones	Add the chosen music into the ring base.
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.

7.9.7 Sound Recorder

After choosing 'Sound Recorder' and press 'OK' to enter, you can the previous record files. Press

‘Options’ to have the following operations:

- Record: You can record new files.
- Play: You can play the selected file.
- Append: You can have annex record for the files of the superior level (only for the record files in AMR).
- Rename: You can rename the chosen file.
- Delete: You can delete the chosen file.
- Delete All files: You can delete 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.
- Use as: You can used as user profiles.
- Send: You send the record file to Bluetooth, email and multimedia message.

7.9.8 FM Radio

Your mobile phone supports FM radio. To use the mobile phone to listen to radio, insert the headset connection cable into the headset port on the mobile phone. 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 1-20 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 87.5mHz 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

7.9.9 Schedule FM record

You can schedule to record certain FM Radio channel at any time, so that you will not miss the program.

7.9.10 Slide Show

You can browser pictures as Slide show. Select the files or pictures to browse.

7.10 Fun & Games

This phone default java is Face book Mobile and Opera Mini, which are equipped with the Java platform, so that you can install and run Java applications on the phone. To access the feature, choose Menu >fun and games > Java, and a list of applications which have been installed will be displayed. To run an application is simply by navigating into the application and click OK.

You should set the parameters required to run

the application as most of Java applications will access the network. As such, you need to set the parameters correctly based on the SIM card you are using. To set the parameters go to Menu > Settings > Connectivity > Data account > GPRS. Please consult to the operator to have the correct setting.

- Face book Mobile: This is a friendly tool and very popular.
- Opera Mini: This is a browser working on Java platform, and you can enter the URL address you wish to surf. Before use enter correct setting of the JAVA.

[Java settings]

- Java audio: You can select 1~7 and off.
- Java vibration: On or Off vibration.
- Java profile: Select profiles you wanted
- Heap size: Default size is 3145728 bytes

[Java default security]

It contains a third party, untrusted domain, restore settings and domain options

[Games]

This mobile phone provides three inbuilt games (puzzle). Please refer to the operation instructions attached to the games.

Game settings

- BGM: On or off background audio.
- Sound effect: On or off audio.
- Vibration: On or off Vibration
- Volume: Up and Low Volume

7.11 Tools

7.11.1 Calculator

- The upper direction key for '+' and the lower direction key for '-', the left direction key for '×' 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.

7.11.2 Currency Converter

To save exchange rate, press 'OK', then choose to set exchange rate. Choose one exchange rate

from the displayed options. After that, press “OK” to confirm. Then the exchange rate will be saved in the memory until you enter a new one to replace it. To convert currency, enter the sum to be converted, press “OK” and then choose to local currency or foreign currency.

7.11.3 Ebook reader

In standby, choose [Menu/Tools/E-book Reader]. After e-book is activated, the e-book list will be displayed. If no e-book, click Options to have such submenus as Clean Up Bookshelf and Global Settings.

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 preset 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.

7.12 Service

Internet service

Homepage-- Start the website chosen in the connection settings file.

Bookmarks— Enter the options menu and have

the following operations on the bookmark:

Go to: Log into the chosen website.

- Edit: Edit the chosen bookmark name and website.
- Send: Send the bookmark as text message or multimedia message.
- Delete: Delete the chosen bookmark.
- Delete all: Delete all bookmarks.
- Add bookmark: Add new bookmarks.
- Recent pages: Record the latest 10 web pages browsed.
- Offline pages: You can view these pages when you offline.

Input address: Input the website to be logged into.

Service Inbox: The mobile phone can receive the service information ('Recommended' information) sent by the service provider. For example, the service information can be the notice of related news headlines, which can include one piece of news or a service website.

Settings:

- Select SIM: Always ask/SIM1/SIM2

- Edit account: By this function you can edit the account.
- Browser options-- You set whether to display images during waiting time and when browsing WebPages.
- Service message settings-- You can choose ON or OFF to enable the push or not and you can choose the disable or always in the Trust settings. Set SL settings functions as follow: Never, confirm, without confirm. Add new trust list including: number, IP address, Domain name.
- Clear cache-- You can clear cache. When the data of the cache are excessive, network surfing speed can be affected.
- Clear cookies-- You can clear personal data.
- Trusted certificates--Entrust.net WAP CA ©1999 Limited liability. See www.entrust.net/wapcps; US VeriSign, Inc. Class 3 Public, primary certification authority.

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.

8. Editor Operation

The mobile phone provides multiple convenient input modes, which can support the use of other functions.

8.1.1 Basic letter input

After 'abc/'ABC' is chosen, input your desired letters with the standard keypad. By pressing 'Aa' key you will change from one input method to another. You can type a capital letter by pressing '⇧' key followed by the letter you wish to type in capital letter.

8.1.2 Number input

This mode is mainly used to input phone numbers etc. After 'number' is chosen, you can input digit into the place where the cursor is

flickering. To get into this mode, you should press 'Aa' key several times until the phone goes into this input mode.

8.1.3 Symbol input

In any of the above input modes, you are provided with symbol input. If you cannot see symbols, press "sym" key to see them. If you want one symbol, press the up/down/left/right key to choose.

9. 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.

10. Maintenance

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.

10.1.1 After sales service

Kindly refer to the Warranty Card provided in the sales package box.

10.2.2 Charger Safety

Charger and adapter are designed for indoor use only.

10.2.3 Battery Information

- 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.

10.2.4 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

an 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 upgrading 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.

10.2.5 Troubleshooting

Phenomena	Possible Causes
Unable to switch on	1. Does the battery have power? 2. Is the battery placed correctly

SIM failed	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	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.
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Unable to charge the battery	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	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.
Photos taken are too dark	1. Check if the photo brightness is set as 'too low'. 2. Check if ambient ray is too dark.

Photos taken are too unclear	1. Check if the object taken is moving. 2. Check if the mobile phone shivers slightly while you press shutter.
Photos taken is distorted	The object taken may be too close to camera lens.
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

11. 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)