



Q3

Table of Contents

1.For your Safety.....	3
2.Mobile Phone Profile.....	8
3.Preparation before Use.....	12
4.General Instructions for Mobile Phone.....	21
5.Basic operation.....	32
6.Use Menu Functions.....	39
7. English Editor Operation.....	128
8.Use USB.....	130
9.Appendix I.....	131
10.Appendix II.....	136

11.Appendix III.....	137
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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 receive/generate a call.
- 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; 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.

- Do not dismantle the mobile phone without permission. In case of failure, please contact the supplier or service station as soon as possible.
- Do not plug the charger into the mobile phone and charge without battery. Always power off the mobile phone before taking out the battery; otherwise the memory of the phone may be damaged.
- While 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 contact any liquid; once such case occurs, remove the battery and contact the service centre immediately.
- Do not use the mobile phone in the environment at too high or too low temperature, never expose the mobile phone under strong sunshine or too wet environment. The suitable temperature for the phone and accessories is 0°C-40°C. The height to use the phone shall be less than 2,000m.
- Do not use liquid or wet cloth with strong

cleanser to clean the mobile phone.

- This mobile phone has shooting, video recording 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.

Warning: Micromax will not bear any responsibility for any non-compliance with the

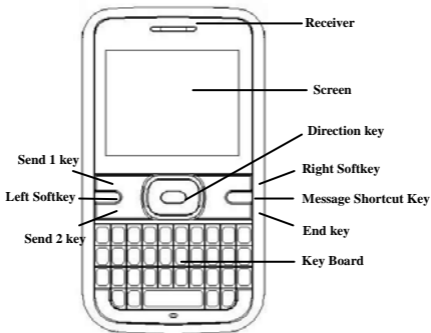
above guidelines or improper use of the mobile phone.

Our company keeps the right to make modifications to any of the content here in this user guide without public announcement in advance.

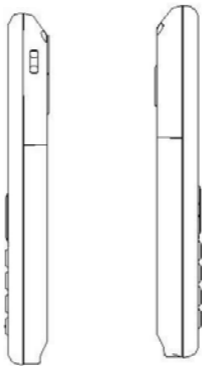
The content of this manual may vary from the actual content displayed in the mobile phone. In such case, the latter shall govern.

2.Mobile Phone Profile

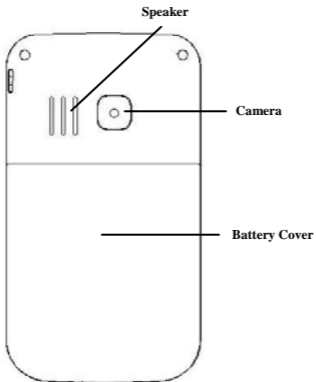
The mobile phone has 42 keys on the keypad, including single screen , one vibration motor, one charger/data common transmission port. (Below is the front of the mobile phone)



(Below is the side of the mobile phone)



(Below is the back of the mobile phone)



3. Preparation before Use

Installing 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 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.

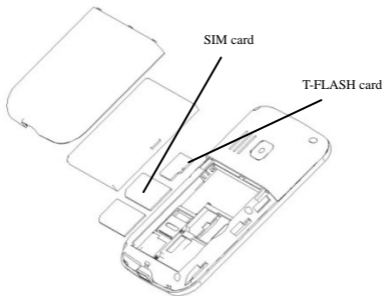
Follow the following diagram to install the SIM card. Please insert the host SIM card into the SIM1 slot and the slave SIM card into the SIM2 slot.

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 the reception mode as you wish.

Installing the Memory 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, restore the lock and the battery before restarting the mobile phone.



Install Battery

The mobile phone is suitable for original battery and accessories. When the battery is not in use, it is recommended to put it into the protection box.

Follow the following diagram to install the

battery.



Note: Use only Micromax specified batteries and accessories to avoid warranty violations

Charging the Battery

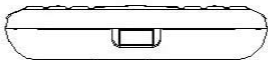
The new battery cannot reach the optimal efficiency unless it has undergone several continuous complete charging and discharging cycles.

When the battery is used up, charge it in

time. Over-discharge can damage the battery.

After the battery is charged completely, 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.



Headset/charger/data

During charging, the battery capacity icon on the screen flickers from the right to the left. After the battery is charged completely, 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.

Notices 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 functions used 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 period of time needs charging for longer time. 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, during charging, it 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 if 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 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 from 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. Attempting to unlock the code may make the SIM card ineffective forever!

4.General Instructions for Mobile Phone

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 logs (SIM1 and SIM2 support respectively 20 call entries, including received calls, missed calls and dialed calls). In Dual-SIM- Dual standby mode, press this key to have an option menu on which you can choose to operate via SIM1 or via SIM2.

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.

Left/Right soft key

Press the left/right soft key to have the functions indicated in the bottom row of the main screen of the mobile phone.

Functional direction key

This mobile phone has four Navigation keys, with the left, right, up and down control functions. In some interfaces, they have special function, for example, in call state, press the left / right key to adjust volume. Similarly, these four Navigation keys can be set with shortcut functions, in default state: **Press the Up key to enter the Audio player, the Down key to enter the Java, the Left key to Opera Mini web browser and the Right key for MSN Messenger.** Shortcut keys can be active only in standby state and their function definitions can be set by you with the procedures as: enter the phone settings menu, choose dedicated key function to re-edit the Navigation keys.

Standard keypad

On the keypad, you can see A-Z (0-9

number keys) number keys, * key and # key, totally 35 keys.

Press these keys to input phone number, password, English letters, symbols or choose menus.

In different states or different functional menus, for example:

- ◆ 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 to send DTMF signal or not.

FM function key

- ◆ OK key: In radio state, press the key to record
- ◆ Up key: Switch between ‘search’ or ‘fine’ tuning.


- ◆ Down key: turn on/off radio;
- ◆ Left/Right key: In search state, press the left/right key to search channels forward and backward until you find the right frequency. For FM, you can have a tuning of 0.1MHz downward or backward.
- ◆ 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.

Keypad lock

When in standby interface, if the mobile phone is idle for certain time, it will be locked automatically. Press the 'unlock key' + "*" to release. After the mobile phone is locked, the keypad cannot be activated until the locking code is provided; in case of incoming call,

likewise, press the answer key to receive it; after that, the keypad will be locked automatically.

Icons in Standby State

 Antenna; the host antenna has “1” on the icon while the slave antenna has “2” on the icon.



Activate the alarm clock.



the host SMS which is not read



Battery power capacity indication



Ring; this icon may vary with different

warning modes activated:



Ring after vibration



Ring and vibration



Vibration



Missed Calls



Locked



Host line 1



Host line 2









Slave line 1



Slave line 2



MMS unread





-
-  PUSH Inbox
 -  GPRS
 -  SIM1 line 1 all calls divert
 -  SIM1 line 2 all calls divert
 -  SIM2 line 1 all calls divert
 -  SIM2 line 2 all calls divert

Language and Input Mode

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

Call Alert

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

-  Ring
-  Vibration
-  Ring and vibration
-  Ring after vibration

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.

Callers' group

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

Term Description

Dialing domestic calls

- The simplest method to dial a domestic call is to input phone number via the

number keypad, then press dial key to connect. To change phone number, press “del key”. During dialing, the screen will display a cartoon. If SIM card 1 calls, "SIM1-" occurs; if SIM card 2 calls, "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.

Dialing 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.
- 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 British, 46 for Sweden, etc.

- Dial international telephone number as following: “+” Country number +Complete telephone number + Dial key.

Dialing fixed-line telephone extension

- Some fixed-line telephone extension 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

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 this 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.

IMEI

International Mobile Equipment Identity number. Switch off the mobile phone and take off the battery, then you will see the label with such number on the back of the mobile phone. Also, this number is saved in the mobile phone. After switch-on, in standby state, input “*#06#” to display it.

5. Basic operation

Switch on

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

After inserting the SIM card, the mobile phone

will automatically check the SIM card availability, and then it will show the following information as on the display by sequence:

1. “Input phone password”——If you have set the password.
2. “Input PIN” —— If you have set SIM card password.
3. “No service”—Indicates failure to register to network and cannot make any calls.
4. “Emergency calls only”—indicates that the phones has registered to other network and can only make calls to 112.
5. “Searching”—the mobile phone is searching network until it finds appropriate network.
6. “Operator name”—Indicates that the phone has successfully registered to the network.

Note: If you do not know PIN code, please contact the network service provider.

The default phone password is “0000”.

Switch off

To switch off the mobile phone, press the END key. When the screen displays power-off animation, the host and the slave SIM will be switched 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.

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 call, 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 connect the 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 a call.

Adjust Receiver Volume

In call conversation, press the left direction key or right direction key to adjust the volume of the receiver.

Answering 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 appear on the screen. If this number has been saved in the phonebook, the name corresponding to this

number will be displayed on the screen.

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 dialing an extension call will not be allowed.

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.
- ✧ Background sound: You can set on or off
- ✧ Mute: Set on or off
- ✧ DTMF: You can set whether to send DTMF signals or not.

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.

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”.

Missed Calls

When there is a missed call, the screen will display a missed call icon, press Read to enter and read missed calls.

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).

6. User Menu Functions

Nimbuzz

Nimbuzz is a Multi Format Mobile Social Messenger. It can simultaneously support messengers from different platforms. When you press the icon, you can login Nimbuzz provided you have registered yourself on the website www.nimbuzz.com. If you are a new user, you have to login in www.nimbuzz.com to register yourself first.

With this powerful chat tool, you can login to MSN, Skype, Yahoo Messenger, Facebook, AIM and all other messengers supported, simultaneously.

【Opera Mini】

Opera Mini is a powerful mobile browser that helps you browse the web.

【MSN】

With this function, you can use MSN Messenger just like you use it on your PC. When you press the MSN icon, you will enter the login page; input your username and password to login.

【Multimedia】

【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.

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. You can also use an external memory card in the phone to be used as an external memory drive.

Description of Mobile Phone Options:

Options	Description
photos	To view the saved photos.
Camera Settings	Shutter Sound: sound 1, sound 2, sound 3 and Off.
	EV: EV-4 —EV+4
	Banding: 50Hz(default), 60Hz
	Delay Time: 5s, 10s, 15s or Off.

	Cont.Shot: 1 Shot , 3Shot , 5Shot and Off.
Image Settings	Size:160*120,320*240,640*480,1280*1024,220*176.
	Quality: High, Normal, Low
White Balance	Auto,Daylight,Tungsten,Fluorescent, Cloud, Incandescence
Scene Mode	Auto, Night
Effect Settings	Normal,Grayscale,Sepia,Sepia green,Sepia blue,Color invert
Set Frame	There are 2 options available.
Storage	Phone, Memory Card
Restore Default	You can restore the recorder to factory settings.

[Image viewer]

All photos taken are saved in the album.

Options	Description
View	You can view the selected photos.
Slide show	You can browse pictures as Slide show
Browse Style	There are two browsing 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 by 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	You can set Cartoon Quality

Settings	
Effect Setting	There are 6 options available.
Storage	You can Save to Phone or Save to Memory Card.
Restore Default	You can restore the recorder to factory settings.

[Video player]

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

Player Options

Options	Description
Play	It supports videos in .AVI and will not be limited by file size. Click the play interface to play.
send	As multimedia message; as email; via

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

[Audio Player]

If the operating system is Windows 2000 or above, there is no need to install driver. 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 and let the PC detect the new hardware. Download the chosen MP3 file to under "My Music" of the mobile disk; otherwise, the file has to be manually selected to play from the Audio Player. (Only the music in MP3, AMR and MIDI formats 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 user profiles and use as ringtone.
Refresh list	Enter the track-list 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,BT stereo output, BT stereo headset, lyrics display

[Sound Recorder]

After choosing “Sound Recorder” and press “OK” to enter, you can view the previous recorded files. Press “Options” to have the following operations:

- ◆ Record: You can record new files.
- ◆ Play: You can play the selected file
- ◆ Append: You can continue recording to the selected file.

- ◆ 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 recorded file, including AMR and WAV.
- ◆ Use as: You can use the file in user profiles
- ◆ Send: You can send the recorded file through Bluetooth, email and multimedia message.

[FM Radio]

Your mobile phone supports FM radio. To use the mobile phone to listen to radio, you must

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. While listening to radio, you can dial or receive a call normally. In 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 saved in PHB) and frequency of the radio channel. If you have saved some radio channels (at most 20 channels) in the mobile phone, you can also scroll to choose the desired channel.

Option menu

- Channel list: You can edit and save 20 Channel

- Manual input: You can edit the specified radio frequency band. The frequency of the radio is between 87.5 MHz and 108.0 MHz.
- 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 continue recording to the selected file.
- File list: It lists the recorded files

[Schedule FM Record]:

Set the start time and end time etc for the recording, thus when the start time is reached, the radio recording will start automatically.

You can also set the repeat as: Everyday, days, weekly, monthly, once and set the channel list then select it.

Record settings: functions as following: record format (AMR/WAV), Audio quality (High/Low), storage (Phone/ Memory card), Record file(New file/Append file).

[Slide show] : You can browse pictures and videos as Slide show.

【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, 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 entries.

[Quick Search]

With this function, you can just input the first character or first few characters of contact name in the position where the cursor is flickering, so you will see all contacts meets the conditions.

Also You can input the first or the first few characters of first name or the last name in the position where the cursor is flickering to search the contact from the contacts that meets the conditions. **In this search mode, you need to separate the first and last name with one single space when you edit a new contact.**

[Search contact]

Input the name to be searched, press “Search” in the phonebook, you can find the matching name.

[Add New Contact]

You can save phone numbers onto SIM card or phone. On SIM card, one entry has only name and phone number. On the phone, one contact can include Name, Number, Home Number, Company Name, E-mail Address, Office Number, Fax Number, Birthday, Associate Picture, Associate Sound and Caller Group.

Tip: If one contact is set with photo link, tone link and callers' group at the same time, then the callers' group function will be inactive.

[Copy All]

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.

[Delete]

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

[Caller Groups]

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

[Extra Numbers]

You can separately set SIM1 and SIM2's My Caller ID, service numbers and emergency numbers (the latter two needs the support of the SIM card, consult the network operator for

details).

[Phonebook Settings]

- ✧ Memory Status: You can view the current usage 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: The phone includes vcard 2.1 and 3.0

[Caller picture]

You can set the caller big-head sticker.

[Caller ring tone]

You can set caller tones for the contacts in your phonebook.

【Call logs】

Call Logs include Call history and general 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 settings for the available SIM card and maintain its call register.

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

In missed calls, received calls and dialed calls functions 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.

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 what is calculated by the phone counters.

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 cost of all calls.
- ✧ Reset Cost: With this function, you can clear all cost records.
- ✧ Max Cost: With this function, you can limit call cost 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 contact the network operator.

SIM text message Counter

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

SIM GPRS Counter

- ✧ Last Sent: You can view the sent 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.

[General Call Settings]

Call setting

- Caller ID: Including set by Network, hide ID and send ID.
 - ◆ Set by Network: While having a call conversation, you can send the 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 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 specified conditions, to another number.

Name	Description
Divert All Voice Calls	The network will divert all voice calls without conditions.
Divert if	When the network cannot find

Unreachable	your mobile phone (switch-off or out of the service area), it will divert the calls.
Divert if no Answer	When you do not answer the call, the network will automatically divert it.
Divert if Busy	When you are on a call, 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 allow 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 home network.

■ 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.

Black list: You can add number into the blacklist from which you don't wish to receive calls, and also you can set it as On or Off.

Auto Redial: You can set it as On or Off. After the first automatic redialing fails, at most ten iterations are available to connect a phone number.

Speed Dial: You can set whether to activate this function and edit the related speed dialing numbers. If this function is "Active", then you

dial any of the corresponding individual keys (2-9) on the standby interface to dial the number specified for this key.

Background sound: Background sound in call

More: there are three functions ,including the following:

- 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 different times during call conversation so that you can track call timings. You can also 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.

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

【Organizer】

[Calendar]

Using 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 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 today:** 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 or not. When editing the schedule, you can choose alarm type with the left and right direction keys.
- ◆ **View all:** You can view all the schedule of the date where the cursor is on and set the time, date, content and whether to activate alarm for this schedule.
- ◆ **Add event:** you can select task type as reminder, meeting, course.
- ◆ **Delete event:** you can delete task as and when you want.
- ◆ **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

- ◆ **[Tasks]**

You can use the following features such as Create Memo, Browse, Add, Edit, Delete, Delete All and Send on memos.

If you have set an alarm for the memo, when the specified time expires, the mobile phone will ring and display the memo content.

[Alarm]

The time format for the alarm clock is identical to that of 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 be set independently. 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 ringing after 4min.

If alarm time is reached but the mobile phone is switched off, then the mobile phone will be switched 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 to the network and switch on the mobile phone.

[World Clock]

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

[Calculator]

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

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

[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.

[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 any other selected 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 sort 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 or 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 sort 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 sort 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 be automatically created 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.

【Services】

With this function, you can access multiple services on the Internet. These services include weather report, news, financial and economic information etc. This function is provided by the network service provider. According to the services the SIM card provides, there will be new menu options appearing on the screen.

[WAP]

Homepage—Log into the website pre-fed 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: You can send the bookmark via SMS and via MMS.
- Delete: Delete the chosen bookmark.
- Delete All: Delete all bookmarks.
- Add bookmark: Add new bookmarks.

Recent pages-- Records the latest 10 web pages browsed.

Offline pages-- saved pages

Input address-- Input the website to be logged in.

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 some part of news or a service website.

Settings

- Select SIM
- Edit profile
 - Activate profile
 - Edit profile
 - Account name—— settings name
 - Homepage-- Edit the pre-fed website.
 - Data Account-- Choose the desired account from the set of pre-fed

accounts.

- Connection type-- Continuous link, discontinuous link and HTTP.
- User Name-- The account username.
- Password-- Set password.

Setting Example:

Edit the settings file

- WAP
 - ◆ Activate the settings file
 - ◆ Edit settings file
 - Account name – Vodafone GPRS
 - Homepage--<http://live.vodafone.in>
 - Data Account -- Vodafone GPRS.

- Connection type -- HTTP
- Use proxy: No/Yes
- Proxy address: 010.010.001.100
- Proxy port: 9401
- User Name-- blank
- Password-- blank
- Browse Options-- You can set whether to display images during browsing web pages.
- Service Message settings—you can set enable push and trust certificate settings.
- Clear Cache-- You can clear cache. When the data of the cache reaches limits, network surfing speed can be affected.
- Clear cookies-- You can clear cookies.
- Trusted certificates: you can view the trusted certificates.

Data Account

GSM Data--The use of GSM data will be provided with the following ID information, such as Vodafone CSD

- Account Name: Vodafone CSD
- Number: +905427545000
- User Name: vodafone
- Password: vodafone
- Line type: ISDN
- Speed: 9.6kbps
- Primary DNS: 212.065.136.226
- Secondary DNS:

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

- Account Name: Vodafone GPRS
- APN: internet: portalmms

- User Name:
- Password:
- 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 for details.

Rights manager: View the rights status.

【Messages】

[Text message]

SMS stands for Short Message Service.

Using this service you can send and receive short text messages to any or all the recipients in the phonebook or to any new number.

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 destination. If the user does not switch on the mobile phone or the mobile phone cannot receive the SMS (may be because 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 cost of sending messages. 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 delivery report function is set as ON)

Note: When sending SMS via the SMS network, the mobile phone may 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 that the receiver has received the SMS. For more information, please consult the service provider.

Write Message

You can write message in this menu.

Every SMS can contain 4 pages English characters; 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 alt key to select the special symbol like ‘+’ ‘-’ ‘*’ ‘#’ and so on, press Space key to leave a blank, Press “SPEAKER” key long to start or exit from the silence mode.

The mobile phone can send concatenated SMS of more than 140 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 the same function.

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.

- ✧ Reply: You can reply to the received SMS.
- ✧ Delete: Delete the current SMS.
- ✧ Forward: You can directly forward this SMS 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 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.
- ✧ Use URL: You can link to the website contained in the received SMS.
- ✧ Use email address: You can use the email address received in the SMS.
- ✧ Chat: select chat room and set remote number to chat.

Outbox

While sending an SMS, by choosing “Save

and Send”, you can save the SMS 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 the handset fails to send due to some reason, 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, and Use email address.

Templates

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

SMS Settings

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 provided by the service provider.

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 or not.
 - 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.

[MMS]

MMS can contain words, sounds 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 the MMS unless the mobile phone has the compatible MMS or e-mail function.

Write Message

Receiver

Add Number-- Input the number of the receiver.

Add E-mail-- Input the e-mail of the receiver.

Copy

- ✧ Add Number-- Input the number of the receiver.
- ✧ Add E-mail-- Input the e-mail of the receiver.

Secret copy

- ✧ Add Number-- Input the number of the receiver.
- ✧ Add E-mail-- Input the e-mail of the receiver.

Subject: You can edit the subject of the MMS

Edit Content

After the MMS is edited, press the OK key to have the following options:

- ✧ Done: Finish the editing of the current MMS.
- ✧ Input Method: You can choose the desired input method.
- ✧ Add Picture: You can insert your desired Picture.
- ✧ Add Audio: You can insert your desired audio.
- ✧ Add Video: You can insert your desired video.
- ✧ Add attachment: You can insert your desired file
- ✧ Add slide before: You can add new page before the selected page.
- ✧ Add slide after: You can add new

page after the selected page

- ✧ Add bookmark text: You can insert your bookmark
- ✧ Preview: You can preview the editing effect of the MMS.
- ✧ Slide timing: You can set the play time of the current MMS.

Inbox

You can see the MMS in the inbox and have the following operations

- ✧ view: You can view the MMS and save photos, audio and annex.
- ✧ Reply: Reply the sender with MMS.
- ✧ Reply by SMS: Reply the sender with SMS
- ✧ Reply All: If the MMS you receive has been sent to many receivers by the sender, with

this function, you can send a reply MMS to the same receivers.

- ✧ Forward: You can directly forward this MMS to others.
- ✧ Delete: Delete the current MMS.
- ✧ Delete All: You can delete all MMS in inbox.
- ✧ Save as template: Save the new MMS as a template
- ✧ Properties: The details of the new MMS including subject, date and file size.
- ✧ Use details: View the detailed information of the current message.

Outbox

You can view the MMS sent and saved in the Outbox and failed and have such operations as view, send, delete, delete all, save as template, properties, use details.

Drafts

You can save the edited MMS into the drafts, and also you can have such operations as view, send, edit, delete, delete all, save as template, properties, use details on the MMS in the drafts.

Templates

There are 5 preset MMS in the mobile phone and you can have such operations as View, Details and write message, properties from Template.

MMS Settings: 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 this function ON/OFF.
- ✧ Signature :You can edit the content of the automatic signature.

Send:

- ✧ Validity Period-- You can set the time to save in the MMS service center and send, including 1h, 6h, 12h, 1day, 1week and Maximum.
- ✧ Delivery report--You can switch this function on/off.
- ✧ Read Report- You can switch this function on/off.
- ✧ Priority-- Includes Normal, High and

low.

- ✧ Slide timing-- The time spaces 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.

Retrieve:

- ✧ 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.

Filter:

- ✧ Anonymous-- Allow and reject
- ✧ Advertisement—Allow and reject.

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

- ✧ Activate profile
- ✧ Edit profile
 - ◆ Account name— Eg. Vodafone MMS
 - ◆ MMSC address-- <http://mms1.hutchworld.co.in/mms/>
 - ◆ Data account—Vodafone GPRS
 - ◆ connection Type-- HTTP

Use proxy:no/yes

Proxy address: 010.010.001.100

Proxy port:9401

- ◆ User Name-- blank
- ◆ Password— blank

Memory Status:

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

[Chat]

In standby, choose [Menu/Info/Chat] to enter Chat Room 1 and Chat Room 2 to have a chat.

[VoiceMail Server]

This is a kind of network service, which cannot be used until you apply to the network operator to open it. Please consult the local service provider for more details and voice mail number.

- Call voicemail: You can dial the voice mail number saved in the voice mail number function list. If you have two phone numbers, they will have their own voice mail number.
- Edit: You can edit name and edit the voice mail number. Press the OK key to save the number.

Tip: In standby state, after the voice mail number is set, press 1 key to call the voice mail. In dual-SIM standby state, you can choose to call the voice inbox via SIM1 or SIM2.

[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 settings.

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

【Fun & Game】

[Java]

This phone preloaded java program is Opera Mini, Nimbuzz and MSN, which is 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, simply navigate into the application and click OK.

You should set the parameters required to run the application as most of the Java applications will access the network for operation. As such, you need to set the parameters correctly based on the SIM card you are using. To set the parameters, go to *Menu > Services > Data account > GPRS*. Please consult the operator to have the correct setting.

[Java settings]

- Java audio: you can select 1~7 and off.
- Java vibration: On or Off the vibration.
- Select SIM: Select SIM1 or SIM2
- Java SIM1 profile: Select SIM1 profiles

you wanted

- Java SIM2 profile: Select SIM2 profiles you wanted
- Heap size: Default size is 2097152 bytes

[Java default settings]

It contains third party, un-trusted 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.
- Sound effect: On or Off audio.
- Vibration: On or Off Vibration

- Volume: Up and Low Volume

【Settings】

[Reception mode]

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

- ✧ Dual SIM active
- ✧ Only SIM1 active
- ✧ Only SIM2 active
- ✧ Flight mode

[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 the location from the list of 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.

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.

- 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.
- Shortcuts: Here, you can choose shortcut

function menu options; after specifying the shortcut functions for the four function keys, press the shortcut function key to enter this menu.

- Navigation key: You can have corresponding settings on up, down, left and right navigation keys.
- 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.

- **UART setup:** With this option, you can choose the access of PC software to SIM1 and SIM2.
- **Misc. Settings:** You can adjust the brightness and display time of LCD backlight.



[Network Setup]

In dual-SIM standby mode, you can separately set SIM1 network and SIM2 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 Setup]

In dual-SIM standby mode, you can separately set the PIN code, fixed dial and call barring of the SIM1 and SIM2.

- SIM Security Setup: it includes four parts options:
 - SIM Lock: You can set host SIM lock (PIN code and PIN2 code) as on/off. When this option is chosen, it is necessary to input PIN code on 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

- Phone Lock: You can set it as On or Off. It is a password of 4-8 digits and the defaulted one is 1122. You can at anytime change this password.
- Auto Keypad Lock: You can set it as On or Off. The mobile phone has keypad lock function. When it lasts for the specified time, the keypad will be locked, including such options as Off, 5s, 30s, 60s and 5min.
- Change Password: You can change the default phone password “1122” into 4-8-digit number of your choice. 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.

[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 files, audio files, 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 or in contact to other devices but keep the distance between them to be not more than 10m (about 33"). However, Bluetooth connection can be affected by wall/obstructions 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 is compatible with other devices or not. 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 devices supporting Bluetooth function. For other devices, enter My Devices to search.

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

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

Settings: Before using Bluetooth function, enter this menu to have corresponding settings.

- ◆ **Visibility:** After this option is activated, other peripheral devices supporting Bluetooth wireless technology can see your device and its name via search. You can switch the Visibility to ON and OFF.
- ◆ **Change Device Name:** You can edit my device name.
- ◆ **Authentication:** Once this option is activated, authentication code is required when any peripheral device accesses my device via Bluetooth (for matched devices as well). After closing the option, no authentication code is required for pairing the devices.
- ◆ **Audio Path:** You can leave the audio on

my device or send to other hand-free devices via Bluetooth. If you wish to use any Bluetooth device for receiving a call, set the path as hand-free.

- ◆ Block list: Block List carries the list of all devices which have been blocked.
- ◆ Storage: You can set the storage location of the files received through Bluetooth.
- ◆ FTP Settings: You can set the file directory shared by my device.

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 coverage range and can be searched. To pair the hand-free device, you

must input its matching password. After matching, this device will be saved in my devices.

Use Bluetooth to Receive/Send Data:

1. Open the applications needed to save the content to be sent. For example, to send photos to another compatible device, you should enter the album or file management.
2. Choose the content to be sent, and then choose Options->Send->To Bluetooth. The screen will display the device supporting Bluetooth wireless technology and within the signal coverage. To disconnect search, choose "Cancel".
3. Choose the device to be connected with.
4. If another device requires matching before data transmission, the device will send hint and

require inputting matching password.

5. After the connection is established, the mobile phone will display data transmission speed.

6. When other Bluetooth devices send data to my service, the mobile phone will hint and ask whether to receive the data. The received data will be stored in the initially set Received folder.

Tip: You can set the storage position to receive files as other folders or the folders on T-flash card. After setting, the file received via Bluetooth will be automatically saved to the specified folder.

Tip:

- ◆ The function of using Bluetooth headset for calls is limited to only host (SIM1) call or slave (SIM2) call. If alternate SIM1 and SIM2 calls are available, this function will

not be supported.

- ◆ Before using Bluetooth headset for calls, please go to the menu settings to confirm that the audio path has been set as hand-free device.
- ◆ Non-stereo Bluetooth headset cannot be used to listen to music.
- ◆ When stereo Bluetooth headset is used to listen to music, there will be no audio output on the phone terminal.
- ◆ Incoming calls or dialing calls will suspend the ongoing music.

Use the following methods to disconnect:

- ◆ Close the activated Bluetooth to disconnect all devices.

- ◆ Enter online devices and disconnect the specified online device.
- ◆ Enter my devices; delete the matched devices to disconnect other devices with my device.
- ◆ The connection with the devices out of the signal coverage area will be ineffective.

[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, Headset and Bluetooth.

The content can be edited in each profile 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.
- Connect prompt: set none, tone only, vibrator only ,tone and vibrator.
- 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 silence profile and again to switch to the previous profile.

[Restore Factory Settings]

You can restore the factory settings of the

mobile phone. The factory setting password is 1122.

[E-Mail]

Before use, you need to set the e-mail settings in the “E-mail accounts” menu. Via this menu, you can receive and send e-mail.

- Send and Receive: You can send/receive the e-mail from the specified mailbox.
- Write Email: You can edit e-mails.
- Inbox: You can see the received e-mails.
- Outbox: You can see the sent e-mails.
- Sent: You can see the sent e-mails.
- Drafts: You can see the drafts in the

specified mailbox.

- Clear mailbox: You can clear the e-mails in the specified mailbox, including inbox, outbox, sent e-mail backup and drafts, or clear all e-mails.
- Delete Marked emails: You can change the status of all e-mails to deleting status,
- Email accounts: You can set up your new account.
- Templates: you can pre-edit some common phrases, which is convenient for quick editing.

7. English Editor Operation

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

Basic letter input

After “abc”/“ABC” is chosen, input your desired letters with the standard keypad.

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.

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 a particular symbol, press the up/down/left/right key to choose.

8. Use 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 permanently.
- USB work environment:
 - Windows2000 / XP.
 - For other operating systems, the connection between PC and the mobile phone cannot be conducted unless USB driver is installed.

9. Appendix I

Troubleshooting

Phenomena	Possible Causes
Unable to switch on	<ol style="list-style-type: none">1. Does the battery have power?2. Is the battery placed correctly
SIM failed	<ol style="list-style-type: none">1. The SIM card is dirty. Clean it.2. Reinstall the SIM card.3. The SIM card is damaged. Replace it.

Poor signals	Check the signal strength icon on the screen. If the icon contains 4 bars, it indicates the signal is the strongest; if below 1 bars, it indicates the signal is very poor.
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Unable to dial out	<ol style="list-style-type: none"><li data-bbox="412 164 884 413">1. Maybe you have set Hide My Caller ID but your network operator does not provide this service for you.<li data-bbox="412 439 884 522">2. Strong interference exists around you.<li data-bbox="412 548 884 683">3. Maybe you have activated the call restriction function.<li data-bbox="412 709 884 958">4. Maybe you have activated Line 2 but your network operator does not provide this service for you.
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<p>Unable to charge the battery</p>	<ol style="list-style-type: none"><li data-bbox="412 164 884 413">1. The battery is deep discharged; so it cannot be charged until it is connected for certain time.<li data-bbox="412 439 884 520">2. Its performance has worsened.
<p>Unable to register to the network</p>	<ol style="list-style-type: none"><li data-bbox="412 551 884 632">1. Too weak signals or strong interference.<li data-bbox="412 658 884 1014">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	<ol style="list-style-type: none">1. Check if the too low photo brightness is set.2. Check if ambient ray is too dark.
Photos taken are too unclear	<ol style="list-style-type: none">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
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10. Appendix II

Abbreviations and Definitions

SMS	Short Message Service
EMS	Enhanced Message Service
SIM	Subscriber Identity Module
GSM	Global System for Mobile Communication
PIN	Personal Identity Number
PUK	PIN Unlocking 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)

11. Appendix III

Notices for the use of accessories

Battery

- More than 12h charging is needed for the new battery.
- Other batteries other than the original (Micromax) can damage

your mobile phone and cause risk!
The short in any form can lead to explosion, fire or personal injury!

- For your security and environment protection, do not throw the battery freely but put it into the specified recovery place.

Charger

- Do not plug the charger into the mobile phone and charge without battery so as to prevent the phone being damaged.
- Always use the charger in dry place indoors; never let the charger touch any liquid use so as to prevent damaging the phone or even causing explosion, fire or personal

injury!

- Always use the charger by the original manufacturer so as to prevent damaging the phone or even causing fire or personal injury etc!

USB

- ✧ Please insert USB in switch-off status or choose the first option “Memory unit” in switch-on status, then the mobile phone can be used as a memory drive.
- ✧ Never insert the USB reversely, because doing so can make the I/O port short.
- ✧ Never use any other USB except that from the original manufacturer; otherwise, the mobile phone and the USB port may be damaged.

T-Flash card

It is recommended to use eligible T-Flash card, because the use of non-eligible products may damage the T-Flash memory card slot.