Thanks for choosing the multimedia GSM/GPRS digital mobile phone of our company.

This device is a Candy bar TV mobile with QWERTY keypad which designed base on GSM/GPRS network environment. Except for general communication functions, it also provides WIFI, system language input、business card clip、customized 64 polyphonic、caller ring tone、caller picture、camera、MP3 player、Video player、U disk, Expand memory (T-Flash card)、Recorder、Calculator、On-off timer、WAP browser、MMS、loud speech and other useful functions to advance your work and leisure life. It's strongly recommended to read this user guide carefully before using the phone for better operation.

Note:

1. The contents and adopted pictures herein are used for instructing the basic operation methods and steps, take the material object as the standard please.

2. The functional design and specification of the product are subject to change without further notice.

1. Health & safety information

Please carefully read the following simple instructions and seriously abide by them to avoid any dangers or violations.

◆ Please shut down the mobile phone in chemical plants, fueling stations and near other combustible articles.

◆ Keep the mobile phone away from children.

◆ During the driving, the user should use the hand-free device (need to be purchased) to ensure safety, please stop the car to make phone calls excluding emergencies.

◆ It is strictly prohibited to use mobile phones in the airplanes. Please shut down before aboard.

◆ The user should shut down the mobile phone in hospitals or places where it is prohibited. The mobile phones may affect the normal functioning of electronic equipment and medical apparatus such as cardiac pacemaker, hearing aids as well as other medical and electronic equipment.

◆ Accessories and fittings not belongs to the original manufacturer do not enjoy maintenance guarantee.

◆ The user is not allowed to disassemble the mobile phone personal. Please contact the supplier in case of any malfunctions.

◆ It is prohibited to connect the charger once no battery is installed.

◆ The recharging operation must be operated in the environment with good ventilation and heating radiation. Furthermore, combustible and explosive articles should be kept away.

◆ For the purpose of avoiding anti-magnetization, please keep the mobile phone away from magnetic materials such as magnetic discs and credit cards.

◆ The user should keep the mobile phone away from any liquid. In case of any such situations, please disassemble the battery and contact the supplier.

◆ Do not use the mobile phone under too high or too low temperature and try not to expose it under shining or moist weather conditions.

◆ Do not clean the mobile phone with liquid or wet mop with strong detergent.

◆ Inner antenna has been installed in the mobile phone. In the start state of the mobile phone, if not necessary,

the user should not touch the antenna area (on top of the mobile phone, that is near the camera) to avoid affecting the communications.

◆ The mobile phone possesses photography, imaging and recording functions. Please follow relevant laws and regulations when using these functions. Personal photography, imaging and recording may violate laws and regulations.

◆ Our company is not responsible for any losses caused by unrecorded, deletion, damage or destroy due to its fittings or software.

◆ Photographs, images and record through improper photography, imaging and recording functions may infringe upon the rights of copyright owners.

◆ Our company is not responsible for failure to use the mobile phone due to download of virus document during the use of internet function.

◆ It is prohibited to load damaged pictures and rings. Our company is not responsible for malignant loading of the above damaged document which leads to damage to the mobile phone.

◆ Use of batteries or chargers not from the original manufacturers may cause dangers. Our company is not responsible for any compensation.

Notes: The user manual is on the basis of Chinese simplified operational mode and is slightly different from the English operational mode.

Warning: The original manufacturer should not bear any responsibilities for the user who do not abide by the above suggestions or who use the mobile phones improperly.

Notes: Please send waste Lithium batteries to designated places or return to our company rather than throw them into the rubbish bin.

2. Get start

2.1 Install SIM card

You can get an inserted SIM card from SIM card service when you apply mobile phone number. SIM card has stored all of the parameter which need for communication. You can also save your personal data. Such as PIN code, phone book、message etc. The SIM card's metal contacts can easily be damaged by scratches or bending, so be careful when handling, inserting, or removing the card. Please contact your SIM card service when SIM card damaged or lost

Note: Keep SIM card and phone away from children.

■ SIM card installation steps:
1. If the phone has been powered on, unlock key lock and press end key till power off menu shows.
2. Turn to the back of the phone, remove the battery cover and take out the battery. Ensure that the SIM card inserted in right direction that making proper contact with SIM Card sockets, push SIM card backward to enter into socket.
   Note: To remove the SIM card, push SIM card upward to get it out.
3. Put the battery into battery slot from terminal side, put it in position, and then lock the cover.

2.2 Charging battery

This phone uses rechargeable lion battery (includes traveling charger). For your safety, please only use the battery and charger which approved by our company.

■ Notes on Battery
1. Make sure that the battery has charged fully before using. For new battery, it's recommended to charge for 12 hours for the first three times, the capability of the battery will be optimal after this charging and discharging
2. In order to keep the battery at optimal status, we suggest that discharging the battery at least one time per month. The method is let's the battery to wear out till auto power off.
3. During the course of charging, both battery and phone are heat lightly. The phone has temperature protect setting to control temperature vary and charging process. The normal charging time of battery is about 3h.
4. "Low battery" message will shows on LCD when battery quantity is low. Charging for phone immediately.
   Note: The performance of battery (standby and call time) is different according to operation mode and network system.

■ Battery charging process:
1. Put battery into battery house; connect the plug from the charger to the socket on the phone.
2. Connect the charger to AC power outlet for charging. The charging icon shows on screen even in phone power off status.
3. Battery consumption shows full capacity when charging completed, Unplug the charger from electrical outlet and phone.

Note: Never connect the device with charger directly after take out of battery from charger.

2.3 Password

Your phone and SIM card has kinds of passwords. These passwords help you protect your phone against unauthorized use. When any password of below mentioned required to be input, press "enter" after correct password (shown in "*") input. Use "setting->security setting->change password" to change PIN code、 PIN2 and phone password.

● Phone password

Phone lock、 phone password used to protect your phone against unauthorized use. Phone password always supplied with phone by service. The original password pre-set by phone vendor is 1122. If phone is locked, it's required to input password when power on the phone.

● PIN code

The personal identification number (PIN) code (4 to 8 digits) helps to protect your SIM card against unauthorized use. The PIN code always supplied with SIM card by network operator. The phone will ask for your PIN code every time when the phone switched on if PIN check function has been startup. SIM card should be locked if wrong password be inputted three times. Unlock method as follows: PIN code (personal identification code).

 ● Input correct PUK code as per prompt to unlock SIM card
 ● Then input new PIN code and press confirm
 ● Re-input new PIN code click confirm with touch pen when new PIN code is required
 ● The SIM card should be unlocked if PUK correct. PIN code has been reset

● PUK code

PUK code (PIN code unlocking password, 8 digits) is used for unlocked PIN code. PUK code is attached with SIM card from network service. If it's not supplied with SIM card, contact your network operator for help. SIM card should be invalid if you input wrong PUK code for ten times. Please contact network operator for card change.

● PIN2 code

 (Network service)PIN2 code (4 to 8 digits) may be supplied with SIM card, used for setting "call cost " and "fixed dialing " functions. PIN2 code will be locked if you input wrong password for three times. Input proper The PIN2 code password for unlock. Unlock setups as below:

 ● Input correct PUK2 code following per prompt indicates.
 ● Input and confirm new PIN2 code
 ● Re-input and confirm PIN code following screen indicates.

● PUK2 code(Network service)

PUK2 code (PIN2 code unlocking password, 8 digits) is required to change a blocked PIN2 code. If the code is not supplied with the SIM card, contact your service provider. PIN2 code function will be invalid if input incorrect PUK2 for ten times. Please contact network service for new card changing.

● Barring password (network service)

Barring password is required when activate call barring function. It's gotten from network operator when you apply this network function

2.4 locking and unlocking Keypad

Keypad lock function can protect the phone from making unexpected calls or operation. If the function is activated, follow per prompt on screen to unlock it.

3．Explain

3.1 Keys Instruction

appellation	function
Dial key	receive phone calls dial numbers write into call log
Hanging key	Short pressing: end the conversation or refuse the call Long pressing: shut down (start in the shutdown state)

3.2 Icon

Icon	Explanation
	Strength of internet signals; the more strips, the better signals.
	Battery volume; the more strips, the higher capacity.
	Start of the alarm clock; it will not show in case of shutdown setup.
	Start of keyboard lock; it will not show in case of unlocked state.
	Unread message; it will not show in case of no unread message or inadequate volume.
	unread multimedia message
	complete multimedia message
	call refusal
	general mode
	meeting mode
	outdoor mode
	indoor mode
	Headset mode

4. General operations

4.1 Dial number

In standby mode click number key. Enter area code and phone number and press call key after dial interface prompt.

For international calls, click "*" key twice or click and hold * key with touch pen till "+" prompt, enter the country code, the area code and phone number.

Press call key to make call after number entered. The relative name will show on screen if the number already saved in phone book. Returned tone can be heard from headphone after call making.

Press call key to make call or receive call. In standby mode, you can view call history by press this key.

4.2 Volume control

During the course of call, the volume of headphone or earphone can be adjusted by the volume key which on right side of phone.

4.3 End up a call

Press hang key to end call. You can also end call by pressing the key on earphone if earphone being used.

4.4 Receive a call

The phone will ring or vibrate, lighting backlight, coming call message prompt when a call coming. If ring tone and vibration are turned off, only call coming message prompt when a new call coming.

1. Press call key to receive a call.
2. Press hang key to reject a call.

Note: You can receive call by press the key on earphone if earphone plugging

4.5 Call history

In standby mode, press call key to check recent calls. Click "enter" and "option" with touch pen to process the following operations:

delete: Delete this record

save: Save this record to phone book

dial: Dial this record

edit: Edit the selected record and save to call book

4.6 Calling options

You can use many functions in the course of a call.

■ mute /resume

This function can turn the microphone of mobile or the other microphone connected off or on. Mute function can avoid the caller heard your voice. During the calling click "option" → "mute/resume" with touch pen to select mute function on/off.

■ Other option during a call

During a call, you can enter to the optional functions, such as: pause、end、new call、call book、message、record、DTMF(dual tone multi-frequency).

Note: network service is required for new call、DTMF(dual tone multi-frequency) function.

4.7 Read message

SMS icon prompts when you receive SMS messages. The user can enter to SMS inbox to read the message (please refer to chapter5.2 messages for details); you can also click on read icon to view the message directly. The message icon shows on screen will disappear after new messages read.

4.8 Missed call log

Missed calls will be shown in standby mode directly if there have any missed calls. The user can select End key to exit or call back the caller.

5. Instructions

5.1 Messages

◆ Text message

✚ Write Message

Current inputted character and maximum allowed character to input are shown on the right upper of the window. Input method shown on the left upper of the window. You can click below input method with touch pen to shift. And also can insert image and ring tone (support EMS service) when you editing message.

1. Enter message content you want to send first, you may insert special symbol at any input methods. Select "option", process following operations.

- Done: finish message editing
- Use template: Pre-save message of phone leave factory, allow you to insert this phrase.
- Insert PHB number: Allow you to insert numbers saved in phone or SIM card to message.
- Insert PHB name: Allow you to insert names saved in phone or SIM card to message.
- Insert object: Allow you insert picture、predefined animation、melody 、predefined sound
- Input method: Shift input method is allowable

2. After finished the first step, please process following options:

- Send only: Send message
- Save and send: Save this message to outbox and send it out
- Save: Save this message to outbox, keep message without send.
- Send to many: Send message to many
- Send by group: Send message to a group

✚ Inbox

Message listed in inbox includes read and unread messages. The messages arranged by time.

The sender's number shows behind message icon. Sender's name will show if the number already saved in phone book.

Icon in front of a number (or name) indicates a message:

: Indicates unread message

: Indicates read message

To process following operations after viewing message:

- Reply: you can reply short message to the sender;
- Delete: delete this short message;
- Edit: edit and revise this short message;
- Forward: send the message to others;
- Copy to the mobile phone: you can copy this short message to the mobile phone.

- Move to the mobile phone: you can move this short message to the mobile phone.
- Delete all: delete all the short messages in the inbox;
- Use number: use numbers in the short message.
- Connect: you can open website links received by short message.
- Save item: you can save received dynamic icon, name it and insert this dynamic icon when you edit short messages in the future.。

✚ Outbox

Message icons of outbox as follows:

: Unsent message

: Sent message

Following operations can be process after viewing message:

- Send: send the message to others;
- Edit: edit and revise this short message;
- Delete: delete this short message;
- Copy to the mobile phone: you can copy this short message to the mobile phone.
- Move to the mobile phone: you can move this short message to the mobile phone.
- Delete all: delete all the short messages in the inbox;
- Use number: use numbers in the short message.
- Connect: you can open website links received by short message。

✚ Template

Ten common used phrases supplied. User can edit or delete it. This phrase will show in blank in template after delete。

✚ Text message Settings

Profile setting: Save or edit the number which used for message sending, the number is required by message center, it also can be gotten from network operator. And also can set message storage duration.

Common setting: Can set message report and reply path. You can get the sent status report shows success or not from message center. The function requires network service.

Memory status: For message saved in SIM card and phone, view the percent occupied in total memory. Real memory depends on message content and phone、SIM card status.

Preferred storage: Set message default preferred storage between SIM card and phone.

Pref. bearer: select message priority as GPRS 、GSM、only use GPRS or GSM.。

◆ Multimedia message

Your mobile phone can also send and receive multimedia message (MMS). With the help of MMS, you can send out messages including pictures, sound and files.

During the MMS transmission, your receiver must use a mobile phone with MMS function to receive your message.

✚ Write message

The user should select edit message and input relevant information:

> Receiver: set the mobile phone number or E-mail address of receiver;
> Duplicate: set the mobile phone number or E-mail address of one for whom a copy is made;
> set the mobile phone number or E-mail address of one for whom the mail is sent secretly;
> Theme: set up the MMS theme;
> Content: edit multimedia message content; user can add words, pictures, sound and attachment。

After input completion, touch "complete" with pen or press the right soft key to enter the next item。

> Send: send edited multimedia message;
> Save & send: save multimedia message in the outbox and send;
> Save in the draft: save multimedia message in the draft and send later;
> Send items: Set sending items of this multimedia message;
> Leave: Exit multimedia edit, at this time, a prompt notice will appear asking user whether to save the multimedia message.

In the number transmission interface, the user should input sent number or search with touch pen directly. He can select SIM1 & SIM2 number; after selection completion, select confirm with touch pen or by pressing the left soft key to send message.。

<img> Inbox

This menu enables you to read received multimedia message. The user should select one multimedia message and press the left soft key to enter the following items:

> Browse: browse multimedia message content;
> Detailed information: browse multimedia message receiver, theme, date and size;
> Reply: you can reply short message to the sender;
> Reply to all: reply to all the people in the "receiver", "sender" and "copy".
> Forward: send selected multimedia message to others;
> Delete: delete selected multimedia message;
> Delete all: delete all the multimedia messages in the inbox;
> Use number: use numbers in the multimedia message.

<img> Outbox

This menu enables you to save multimedia message that has executed "save & send". You can operate the following content to the information:

> Browse: browse multimedia message content;
> Detailed information: browse multimedia message receiver, theme, date and size;
> Send to others/ re-send: send selected multimedia message to others; it shows "re-send" once sending fails;
> Delete: delete selected multimedia message;
> Delete all: delete all the multimedia messages in the outbox;
> Use number: use numbers in the multimedia message.

<img> Drafts

Please list all the MMS saved in the draft and you can operate the following items:

> Browse: browse multimedia message content;
> Detailed information: browse multimedia message receiver, theme, date and size;

➢ Send: send selected multimedia message;

➢ Edit message: Edit selected multimedia message;

➢ Delete: delete selected multimedia message;

➢ Delete all: delete all the multimedia messages in the draft;

➢ Use number: use numbers in the multimedia message.

Notes: Once the information in the draft has no receiver; the selected menu has no "send" item.

+ Preset message

Five frequently used messages have been listed out. You can use these preset samples when editing new multimedia messages, select one sample and press the left soft key "item":

➢ Browse: browse the sample content;

➢ Detailed information: browse receiver, theme and size;

➢ New message in the mould: make sample as new multimedia message and the user can edit it.

+ Setup

This menu enables you to set sent and received multimedia messages as follows:

➢ Edit setup: used to set edit mode and automatic signature of multimedia message;

➢ Send setup: used to set the sending feedback, reading feedback, priority, interval time and sending time within the use of multimedia messages;

➢ Receiving setup: used to set main network and roaming network of received multimedia messages, sending of reading report and permitted sending report;

➢ Filter: used to set anonymous mail sender, maximum receiving capacity and advertisement;

➢ Server setup: used to set up network required of multimedia messages. Please contact the network supplier for concrete method.

➢ Memory state:

◆ Broadcast message

Broadcast message is the text message sent by network on schedule for the same section, it provides such as local area code、weather forecast and traffic information etc. One message mark shows one kind message. You can receive broadcast message you want by setting message mark.

+ Receive Mode

Turn on/off broadcast message setting.

+ Read Message

View broadcast message

+ Languages

Select the language you want to display broadcast message.

Note: Language can be supported or not is depend on network operator.

+ Channel Setting

Set message number from received small section message.

5.2 Phonebook

You can save names and phone numbers (Contacts) in the phone memory and in the SIM card memory. The phone memory can save hundreds record. The memory of SIM card is depended on the SIM card supplied by telecom operator.

◆ Search contact

This function let you to view phone book by the first letter of surname. To use this function, you can lookup the phone number you need from phone book.

1. Enter the complete characters you want to find at "enter surname". You also can enter the first character of surname.
2. Press "option" to select "find" after confirmation, it prompts all records which meet the requirement.
3. To process following operations after press "option" for your selected record :
   - IP dial: To process IP dial for this record
   - Send SMS: To process SMS sending for this record
   - Send multimedia message: Directly input multimedia messages and send to detected numbers
   - view: To view this record
   - edit: To edit this record
   - delete: To delete this call record from phone book.
   - copy: You can copy the call history from SIM card to the phone. Or copy call history from the phone to SIM card.
   - move: This operation can move this record to the phone if it stored in SIM card. Vice versa.
   - copy: copy and paste information between SIM Card and the phone
   - Duplicate: Sent this record in duplicate format.

◆ Add new contact

Add new phone number to phone book both to SIM card or phone. Operation are as follows:
   - when "to SIM card" is done, edit surname and press "finish", enter phone number by navigation key and select "save" to save it to SIM card.
   - Select "to phone", enter surname first, edit it and confirm operation.
   - Then select the requested message by navigation key: phone number、home number、company name、Email address、office number、fax number、birthday
   - To select associate picture、associate video、associate sound、caller group by navigation key.

◆ Caller groups

This function can set group name、incoming call tone、incoming call picture、incoming call video and member list for different group.

◆ Settings
   - Memory Status: Shows total memory and used memory of phone book and SIM card.
   - Extra numbers
     This function can set owner number、service dial number and SOS number.

1. Two groups number and surname are available for input、edit or delete owner number. Use for line 1 and line 2 respectively. Press left soft key to save it after edit finished.

2. You can enter service dial number at the condition of SIM card support.

3. Five groups SOS numbers can be entered.

● Preferred Storage: Select default status is SIM card or phone at storage of setting new entry.

● Fields: Select the needed field including home number、company name、Email address、office number、fax number、birthday 、associate picture、associate video、associate sound、caller group.

● Speed dial

You can assign up to eight phone numbers from Phonebook that you use most frequently to the number keys (2～9), and then dial them easily whenever you want, by pressing and holding the associated number key.

Note: if "in processing" message prompt after network searching when view phone book after power on phone, it indicates that phone book is initializing and won't be available before finished.

◆ Caller picture

Select picture for incoming call

◆ Caller Ring Tone

Select play ring tone for incoming call

5.3 Calendar

◆ Calendar

This function supports user to view and edit scheduled date and calendar. Select calendar, click option, supply following functions

● tasks: View and edit daily schedule. Please refer to "to do list" for operation.

● jump to date: jump to a specified date to view and edit daily schedule。

5.4 Services

◆ Network Service

On homepage, the user can enter recreational tools interface with touch pen. He can enter the network service list interface in it.

✚ STK

The mobile phone supports STK service within the card itself.

✚ WAP

WAP browser can help you surf on the internet. Please contact nearby service supplier for detailed information, please press the left soft key for the following operations:

● Homepage: implied website of international network.

● Bookmark: store frequently used websites.

- Record: record upon website browsing.
- Please input website: input required website and press complete key to log on.
- Service inbox: short message sent from the website to the user.
- Setup:

➢ Edit setup column: GPRS is implied in the mobile phone. Please contact local network service supplier in case of roaming to different network or of new setup。

➢ Browse item: can set waiting time and display pictures.

➢ Service information setup: can set on/off service information.

➢ Caching elimination: eliminate caching during the net surfing.

➢ Personal data elimination: eliminate registered personal data.

➢ Credit voucher: Credit voucher refers to a kind of certificate to verify the safety of WAP network or server identification during WTLS or SSL/TLS connection. Once you have gained this certificate, the submenu will demonstrate your relevant voucher information。

✚ Account No.

- GSM data:

   The user can select any item in GSM data and press the left soft key "Edit". The following content will appear for operation: name, number, user account No., code, line type, speed and network.

- GPRS

   The user can select any item in GSM data and press the left soft key "edit". The following content will appear for operation: name, GPRS connection point, user account No., code and authentication mode

5.5 Multimedia

◆ TV

The user can watch the TV after searching the TV channel.

TV Setup

The user set country, channel, sound, brightness and other features.

◆ Camera

It's a great function that leads you to kaleidoscopic image world. You can capture brief time by digital camera and keep fancy photo forever.

Camera has mightiness functions such as effect setting、 white balance、exposal value、photo size selection、photo quality setting、add frame、cont shot、delay timer functions. Its operation is simple.

Enter to camera function, press left soft key button to process following operations:

✚ Album

1. view: view an image file
2. Browse style: List style and matrix style are optional.
3. forward: forward to wallpaper 、screen saver、 power on display、 power off display、 phone book;

4. rename: rename an image file
5. delete: delete an image file
6. Delete all files: delete all image files
7. sort: Sort all image files. Options are by name、by type、by time、by size and none.
8. storage: Select to save the shot photo to phone or user's memory card.

✛ Camera setting
1. Shutter tone: Three tone effects are optional. You can turn it off.
2. Exposal value: According to actual condition of circumstance to adjust exposal value to improve image quality.
3. Banding: 50Hz and 60Hz are optional modes. Please set 50Hz for China mainland.
4. Delay timer: off 、5s、10s、15s are optional.
5. Change camera: select top and bottom camera to choose scene
6. Cont Shot: off 、1 shot、 3 shot、 5 shot are optional.

✛ Image Setting
1. Image size: Kinds of image size are optional. The more big size of image, the more memory should be occupied by image file.
2. Image quality: Different quality is optional. The more super quality selected , the more memory should be occupied by image file。

✛ White Balance
Optional modes are auto、daylight、tungsten 、fluorescent、cloud、incandescence.

✛ Scene Mode
Auto and night modes are optional.

✛ Effect Setting
Set different photo effect.

✛ Add Frame
It's valid only for size of 176X220

✛ Storage
Select photo storage path between phone or memory card.

✛ Restore Default
Camera parameter will restore factory setting after select this operation.

◆ Image viewer
Quick view album function is available. Please refer to album operation of camera function for specific operation.

◆ Video Recorder
The user can select camera with touch pen or by pressing the left soft key and enter the interface, then operate recorder, camera setup, video setup, special effect setup and return setup.

● Player: video player.
● Camera setup: Set white balance, light compensation, exposure compensation, light photography and flash prevention.
● Video setup: set various video parameters.
● Special effect setup: set the special effect of video files.
● Return setup: Return the set parameters back to the original state.

◆ Video Player

The user can select video player with touch pen or by pressing the left soft key and enter the interface, select one video file with touch pen or by pressing the left soft key and operate play, transmit, change name, delete, delete all files and order arrangement.

- ● Play: play video files.
- ● Transmit: transmit video files to phonebook, screen saver, power-on animation, and power-off animation and multimedia messages.
- ● Change name: change the video file name.
- ● Delete: delete selected video files.
- ● Delete all files: delete all video files.
- ● Arrange order: in order of names, types, time, and size and without ranking.

◆ Audio Player

The user can select audio player by pressing the left soft key and enter the interface, select items in the list, including play, detail, rings, addition, delete, delete all and setup by pressing the left soft key; once the automatic list is open, there are only play, detail, rings, renewal of play list and setup available. The user can operate play/pause, stop, music selection, music switchover, volume adjustment, setup, cycling setup and random play in the play interface.

- ● Play/pause: touch ▶ with pen
- ● Stop: touch ■ with pen
- ● Select music: press the left soft key or touch the list with pen to select music.
- ● Music switchover: press the left & right soft key of navigation key or touch ◀◀ ▶▶ with pen
- ● Volume adjustment: press the upper, lower and side keys.

Setup: touch ◤ with pen

◆ Sound recorder

This phone supports two record formats: WAV and AMR, You can select one format from options to record. You can also process record by talk. The system will save information automatically record finished; If you select original record in phone , press option key to process operations of record、play、append、rename、delete、delete all、setting and send.

◆ Broadcasting

The user can enter the menu to listen to broadcasting programs once the earphone is inserted

5.6 Call center

◆ Call History: SIM1/SIM2 Call History
◆ Missed Calls

Twenty recent missed calls can be viewed by this function.

Enter to this function, select one phone number by navigation key and press

"option" to process following operations:

- ● Delete: Delete this item from missed calls list.
- ● Save: Save the selected number to SIM card or phone.
- ● Dial: Dial the selected phone number.
- ● Edit: Edit the selected number and save it to SIM card or phone.

◆ Dialed calls

Twenty recent dialed calls can be viewed by this function. Enter this function, select one dialed number to process operations of delete、save、dial and edit. Please refer to "missed calls" for details.

◆ Received Calls

Twenty recent dialed calls can be viewed by this function. Enter this function, select one dialed number to process operations of delete、save、dial and edit. Please refer to "missed calls" for details.

◆ Delete Call Log

This function supports to delete all missed calls、dialed calls、received calls.

◆ Call Time

Using this function, you can view last call time、total sent、total received calls and process all reset all time.

- ● Last call time: View last call time.
- ● Total sent: View total sent calls time.
- ● Total received: View total received calls time.
- ● Reset all time: Reset timer.

◆ Call Cost

This function needs network service. You can calculate your call cost by this function. Please note that network operation has different cost as different time.

Note: To some calls, the function requires PIN2 code (network service).

◆ SMS Counter

This function supports setting of sent and received.

- ● sent: View sent number and reset it.
- ● received: View received number and reset it.

◆ GPRS Counter

View visit network's flux by phone.

◆ General call settings

✚ SIM1/SIM2 Call center

✚ Caller ID

Set by network、Hide ID、Send ID settings requires network service.

✚ Call Waiting

- ● Activate: to activate the Call Waiting operation (network permission is required)
- ● Deactivate: to disable Call Waiting operation (network permission is required)
- ● Query Status: to see about the current status of Call Waiting operation

✚ Call Divert

Call divert function is used to divert the specified calls to another assigned

number.
1. Options:
    - Divert all voice calls: diver all calls directly
    - Divert if unreachable: divert calls if out of reach
    - Divert if no answer: divert calls if no answer at a defined call duration
    - Divert if busy: divert calls if busy
    - Divert all data calls: divert all data calls(network service)
    - Cancel all divert: to disable all divert function.
2. To select the call divert type from options.
3. To input the receiving number after activate the function; press OK to confirm the setting.

🔸 If activated Divert if no answer function, it's required to select network waiting time after setting receiving number **Call Barring**
The function requires network service.
1. Outgoing calls
    - All calls: activate to reject calls making
    - International calls: activate to reject making international calls
    - International except home: activate to reject making calls except calls to host country or to original country (network services country) when abroad.
2. Incoming calls
    - All calls: activate to reject all incoming calls
    - When Roaming: activate to reject all incoming calls when out of the original network services area.
3. Cancel All
    To cancel all barring(password from network service is required)。
4. Change Barring
    Before setting new password, it requires to input the original password.
🔸 Line switching
Network service is required.
🔸 Background sound
You can select a background sound when you make a call. To pretend you are under different environments, such as motorcycle, restaurant, etc.
🔸 Close User Group
Enter into the interface, activate Add option, input group name, click on Option menu and select done, add index and click OK to confirm the operation. Select the made group in group list to edit、add、activate、deactivated、delete group. Group division requires network service, in a group, communication is restricted to make only between group members for money saving.
Note: the function requires network service.
🔸 Auto Redial
To activate the call into automatic redial mode when make calls unless end up the operation or the call be answered.
🔸 IP Number

Up to 3 numbers can be set. In IP number interface, click on Activate to enable the function, click on Edit to input or edit IP number. In phone book mode, select a number and click Option icon, choose IP Dial option, the phone will add the activated IP number before the phone number automatically when making a call.

- Open: activate IP number
- Edit: input IP number or edit it

+ More
+ Call time display

Turn on/off call time display function.

+ Call time Reminder

To alarm the specified call time in talking mode. Includes Off、Single、Periodic options. Select Off to disable the reminder; select Single, specify a period ranges between 1～3000 second, when the specified point met, the reminder will ring once automatically; select Periodic, specify a value between 30～60 second, when the specified point in every minute comes, the reminder will alarm once automatically.

+ Auto quick end

Omitted

+ Black list

Edit black list. In On mode, incoming calls from numbers in black list will be rejected.

Note: fixed number (landlines) please input the full area code.

5.7 Fun and Games

This mobile assembled many IM tools such as MSN, Yahoo message, Skype.

◆ Java

Java is a driver engine that you can run more applications on your phone. User can download lots of Java applications from internet, like games, browser, etc. After installed these applications, you can enjoy more funs.

5.8 File manager

After insertion of the T-Flash card, he will find the main interface "file management" and four sub-interfaces namely "open", "new folder", "format" and "delete" for the operation of their belonging files. Please confirm the save route when opening the file folders.

- Total memory space is due to the capacity of T-Flash card.
- Ringers and alarm format mp3 / midi / amr / wav
- Images format BMP,GIF,JPG

5.9 Settings

◆ Dual module settings

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

◆ **Phone setup**

+ Magic Menu

Omitted

⊞ Time and Date

- Set home city: time of 57cities around world contained
- Set time/date: to set time and date
- Set format: time format contains 12 and 24 options; date format settings are as below: YYYY/MM/DD, YYYY-MM-DD, MMM DD, YYYY, DD-MM-YYYY, DD/MM/YYYY, MM/DD/YYYY. Herein, DD means date, MM or MMM means month, YYYY means year. The relative screen display will be updated after setting.

⊞ Schedule Power On/Off

Four timers contained here to schedule the power on and power off time automatically.

Make sure enable the function before setting the timers. Select a timer, click Edit option, select Enable at Status options, and select Power on/off, finally key in the schedule.

⊞ Language

English and simplified Chinese contained in system language. The user menu and indicate messages both display in assigned language.

⊞ Preferred Input Method

To set the default input method for text editing mode.

⊞ Display Characteristic

- Wallpaper: to setup the display in the standby mode. To select default images from System folder, it's also available to download more images as User Define.
- Screen saver: To activate the screen saver for the main display at Status options in setting menu. To set time after which the screen saver is activated at waiting options. To set screen saver graphic from System or User Define folder at Select menu.
- Power on display: For operation method please refer to Wallpaper setting.
- Power off display: For operation method please refer to Wallpaper setting.
- Show Date and Time: while activated, relevant information will show on standby interface.
- Show Owner Number: while activated, the owner's number will show on standby interface.
- Show operator Name: while activated, the operator name will show on the standby interface.
- Clock Type: Analog clock and Digital clock contained.

⊞ Greeting text

While activated, the assigned greeting text will display on screen when power on the device

⊞ Quick dial

Set up the quick dial function in idle mode; press confirm key to enter the setup

interface
- Dedicated Key

Navigator keys such as up, down, left, right keys can be assigned to be dedicated shortcuts.
- LCD backlight

Control LCD backlight brightness and backlight time.
- Accelerometer settings

Set the function of the accelerometer. Use it can change the mobile wallpaper, switch the songs when listening the music, change the FM channel by swing the phone, and keep silent when incoming call by reversing the phone.
- OFN level

You can adjust the OFN Sensitivity.
- Mouse mode

You can turn on or off the mouse mode.

◆ **Network setup(SMI1/SIM2)**
- Network selection

Two methods for network search are automatic and manual. When cell phone is out of local network service area, it's available to select the suitable network searching method if network service permission.

In national boundary use Manual setting to avoid logging in the network of neighboring country.
- Preferred Network

Setup the preferred network. In default, it shows network service of the using SIM card. Click on Option to start settings as below: Add from list: show all PLMN list.
1. Create New: add new priority networks
2. Change Priority: to setup network priority
3. Delete: to cancel preferred network setting

◆ **Security Setup**

For phone security settings.
- SIM1/SIM2 lock

It requires input the original PIN code to activate the function. After proper activating, it requires input PIN code every time power on the phone. It allows up to 3 trials; the PUK code (personal unlock code) will be required after 3 incorrect trials. Ask network service for support if no PUK code supplied or got lost.
- Phone lock

The function set for turn on/off phone lock, which requires password when power on/off the phone. After activated, it requires for security code whenever a new SIM card inserted into the phone.
- Auto Keypad Lock

To set the automatic keypad lock after a preset time delay when the phone is in the standby mode and no function of the phone is used. 4 timers are optional: 5s、30s、60s、5m. The function is off in default.

◆ Restore Factory Settings

Reset some of the menu settings to their original values. It requires the phone security code.

Note: the original phone security code is "1234"

5.10 WLAN

This device supports WIFI technology. You can enable WLAN or disable it and search WLAN hotspots and access it. Then you can surf the internet through WLAN.

5.11 Bluetooth

This device supports Bluetooth technology and supports headset mode, text transfer mode, and other models.

5.12 FM radio

The user can enter the menu to listen to broadcasting programs once the earphone is inserted

5.13 Extra

◆ Calculator

Provide calculation for user. You can process plus、subtract、multiply、divide.

◆ Currency Converter

Use this function to process currency converter. Input exchange rate and press confirm, input currency value, click OK icon to get converted value between local and foreign currency.

◆ Stopwatch

Use this function to calculate the timer though typical stopwatch or nway stopwatch.

◆ Ebook reader

Use this function to read txt files (Ebook). User can adjust many settings such as font style and size, auto scroll, encoding, etc.

5.14 User profiles

The phone has various setting profile, for which you can customize the phone tones、volume、alert type、ring type、extra tone、answer mode for different events and environments. 5 modes are optional: general、meeting、outdoor、indoor、headset.

Scroll to a profile, click on "Activate" to confirm selection.

Note: the 5 modes were specified by system, the default mode is General.

5.15 Organizer

◆ To Do List

The phone provides multi-To do list for using. User can view、add、edit、delete and delete all notes. Click "add" to next step add menu:

- Set date
- Set time
- Enter remark text
- Start-up alarm and alarm mode
- Click "done"

◆ Alarm

This mobile provides five alarms. You can set it as your demands. If the timer is activated, the alarm icon will show in front of alarm clock. Select edit to enter into alarm interface for setting.

- Select on
- Set alarm time
- Select ring method you want to alarm. Once、everyday、user defined one or several days of one week.

Input method

◆ Input files

There are altogether three basic input methods and others language input methods in the mobile phone: capital English letter, lowercase English letter, number input, etc. In the file input interface, the user should select different input methods by pressing the input method icon at the bottom of the screen with touch pen or by pressing "aA" key. The user can move cursor edit position with touch pen in the cursor flash area. Here are the respective functions of five frequently used icons:

◾: input space character;

◾: select handwritten input keyboard;

◾: select marks keyboard;

◾: input blank line;

◾: Delete words before the cursor.

Below is the concrete input methods:

◆ Capital English letter

The user should touch icon ⊞ ABC with pen or press "aA" key to select "capital English letter" input method. You can, according to the order of input English letters, press relevant keys to input letters or handwrite capital English letters in the blank edit area (other blank edit area have no handwritten input.).

◆ Lowercase English letter

The user should touch icon ⊟ abc with pen or press "aA" key to select "lowercase English letter" input method. You can, according to the order of input English letters, press relevant keys to input letters or handwrite lowercase English letters in the blank edit area (other blank edit area have no handwritten input.).

◆ Number

The user should touch icon 1 123 with pen or press "aA" key to select "lowercase English letter" input method and input needed numbers or handwrite numbers in the blank edit area (other blank edit area have no handwritten input.).

◆ Others languages input

Omitted.

USB Data Line Operation

◆ U disk

The phone support mobile memory (U disk) function. In power off mode, connect the device with PC through the attached USB data line, in this case the device become a U disk; in power on status, connect USB line to PC, select Mass Storage to activate U disk function.

◆ Network camera operation guide

1. The phone supports network camera, it works simply as the common network camera.

2. In power on mode, connect phone and PC, select Webcam to activate the function.

Reference Information

◆ **FAQ**

FAQ & Symptom	Diagnosis & Solutions
The phone does not switch on	■ check whether you hold power key for more than 1 second; ■ Remove the battery to check whether it contacts well then reinstall it and try to switch on again; ■ Charge the battery if it is low.
The network connection is lost	■ Signal disturbed or blocked, please remove from radio shadow and retry; ■ You are outside the network coverage area; ■ SIM card invalidated, please contact your network operator.
The display shows "SIM failure" when you switch on	■ Check that the SIM card has been inserted in the right position. (See...error, bookmark, page...); ■ You have activate auto-lock options and should enter access code before use; ■ Enter PIN code for you have selected this option (if it's for the first time use, it request for the SIM card's accessory PIN code). ■ Enter PUK code: the mobile will be locked if you input wrong PUK code for 3 times, you should enter the PUK code provided by your network operator.
You feel making phone call in low quality (interfere noise during call or call interrupted)	■ Check the volume to ensure it to a proper level; ■ You are in a radio shallow (in a basement or between tall buildings). Please move on to better position. ■ You are in a busy time of the network service (in commuter time, etc.). Please wait.
Idle duration time shorten	■ Duration is sometimes related to network system setup. When in radio shallow, the mobile persists to send signals to find other stations and wastes much more battery charge. Replace the battery with a new one.
SIM card error (the display shows "Insert your SIM card")	■ There may be dirt on the metal surface of the card. Wipe with clean cloth; ■ The card has been inserted in the wrong position. Put it right. ■ Contact your network service supplier in case of damage to SIM card.
You cannot dial out.	■ Check for pressing of dial-out key after you have dialed phone numbers; ■ Check for any barring because of arrears. ■ Check SIM card for its effectiveness. ■ Check for the setup of call barring. ■ Check for the setup of dial fixation.
You cannot receive calls	■ Check to ensure the mobile is power on and connected with the network. ■ Check for any barring because of arrears. ■ Check SIM card for its effectiveness. ■ Check for the setup of call barring. ■ Check for the setup of dial fixation.
You cannot charge the battery	■ Bad contact, check the plug for good connection; ■ Charge the battery in the environment where the temperature is not lower than 10℃ or higher than 50℃. ■ The battery or the charger is damaged; replace it.

| You cannot set some of the options | ■ Operational mistake;
■ Your operator does not support the certain options, or you haven't applied for them. |

◆ **Terminology**

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

FCC RF Exposure Information and Statement

The SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue. Device types TRAVELER (FCC ID: YNNTRAV777) has also been tested against this SAR limit. The highest SAR value reported under this standard during product certification for use at the ear is 0.302W/kg and when properly worn on the body is 1.370W/kg. This device was tested for typical body-worn operations with the back of the handset kept 1.5cm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 1.5cm separation distance between the user's body and the back of the handset. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

FCC WARNING

This device complies with Part 15 of the FCC Rules. Operation is
subject to the following two conditions:
(1) this device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE 1: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
-Connect the equipment into an outlet on a circuit different from that to which the receiver is
    connected.
-Consult the dealer or an experienced radio/TV technician for help.

NOTE 2: The manufacturer is not responsible for and radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.