User Manual

Product Name: 3G SMART PHONE

Brand: NYX

Model：SPARK

Manufacture：Shenzhen qianhai aibo Science and Technology Ltd.

Contents

1. Appearance and Keypad Operations

Keys	Functions
FaceBook	• Short press this button to open Facebook
Whatsapp	• Short press this button to open Whatapp
#	• Long press this key to switch meeting and general profile in IDLE
*	• Long press will unlock/lock the keyboard
0	• Long press this key to turn on or off the flashlight
Menu	• Short press to enter the menu interface • Long press to bring up the virtual cursor
Back	• Press return to the previous screen
Answer Key	• Press to answer an incoming call
Hang Up Key	• Press to hang up during a call • Other interface short press to return to the main interface

Notice:

If you can not touch the direction keys can not enter the interface, long press the menu key to bring up the virtual cursor to enter.

2. Using Memory Card as U Disk

If you want to send music, pictures or other files to the phone's memory card from the computer, you should set memory card as u disk first.
Set memory card as u disk,Connect the phone to the computer with USB cable.

Notice: different computer operating system to how to operate to normal use the U disk。

3.WLAN

WiFi provides as far as 300feet (100M) range of wireless network access. If you use cell phone to connect WiFi, you should connect to the wireless access point or 「hot spots」.
Notices：The availability and coverage of Wi-Fi signal depend on the number, infrastructure and other objects penetrated by the signal.

Open WiFi and to connect to the wireless network
Press home>menu，then select settings>WiFi and internet
Select the WiFi box，to open WiFi. Phone will automatically scan for available wireless networks.
Select WiFi settings. Then a list of WiFi network will show the founded network name and security settings. (open network or WEP、WPA/WPA2 with password).If you enable the notification in WiFi settings,

The status box will show this icon when open available wireless network founded.
Touch one of the Wi-Fi choices to connect the network. When you choose open network, phone will connect to it automatically. If you choose WEP、WPA/WPA2 with password, you should type the password first, then touch to connect it.

Notices：when the phone is connected to the wireless network,

The status box will show this Wi-Fi icon ()，and the approximate
signal strengthen (the number of lit bars).If touch the connected
network，will display the name of Wi—Fi network, status, speed, signal,
strength, security, information and IP address.
If you want to delete the wireless settings, please touch "not reserve"
as in the right picture. If you want to connect to this network, you
should re-enter these settings.

Notices：
Unless you choose not to reserve the network, otherwise, there is no need to re-enter the corresponding password when next time connecting to the previously encrypted wireless network. Wi-Fi will search automatically, that is, phone needn't to perform additional steps to connect Wi-Fi networks.
Notices：
Unless you choose not to reserve the network with password, otherwise, there is no need to re-enter the corresponding password when next time connecting to the previously encrypted wireless network. Wi-Fi will search automatically, that is, phone needn't to perform additional steps to connect Wi-Fi networks.

Connect to other Wi-Fi networks

In the interface of wireless and network, touch Wi-Fi settings. The founded Wi-Fi networks will show on the Wi-Fi network list.

Touch other Wi-Fi networks, and then you can connect to this network.

Notices：in addition, you can surf the internet via GPRS. We default that the GPRS in SIM1 is opened after started, users can select manually , the specific location is "settings>wireless and internet>data connection", touch "SIM1、no data connection", when the dot turns green, it's already opened.

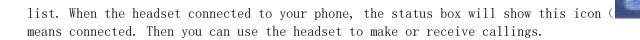## 4. Bluetooth

urn on Bluetooth or set the phone can be detected

1) Press home>menu, the touch settings.
2) Touch wireless and internet, then choose Bluetooth box to open the Bluetooth function. After

started, the status box will show this icon (). Touch "scan for devices" the it starts to scan for all devices within range.
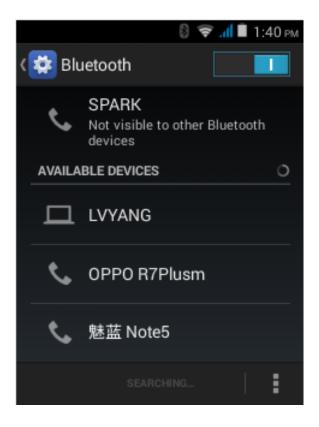
3) Touch Bluetooth settings, all the devices founded will display in the list under the icon. (select the box "can be detected", set it to be detected, the other Bluetooth devices will be able to find the phone.)

important：the maximum detecting time of the phone is 2 minutes.

- Pairing and connection of Bluetooth headset
  1) Press home>menu, then touch settings.
  2)Touch wireless and internet>Bluetooth settings, then select Bluetooth box, then your phone will scan for the Bluetooth devices within range , and show the founded devices in the list under the icon.
- Tips：
  a. If the list can't find your equipment, touch scanning equipment to re-scan it.
  b. Make sure that the devices wanted are under the detected mode.
  3) Touch headset in the equipment list to finish the connection.
- Notices: generally Bluetooth devices need password to be paired, often use「0000」as the default password. 4)The pairing and connecting status will show under the headset in the Bluetooth devices

  list. When the headset connected to your phone, the status box will show this icon () means connected. Then you can use the headset to make or receive callings.
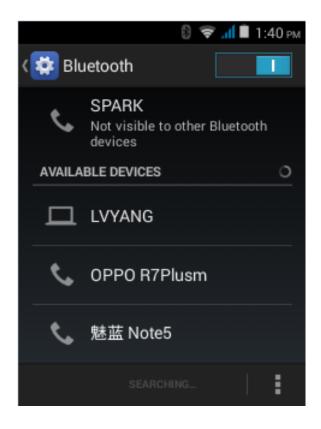
paired devices, the system will display the available matching and other devices

Pairing and connection of Bluetooth headset

1) Press home>menu, then touch settings.

2) Touch wireless and internet>Bluetooth settings, then select Bluetooth box, then your phone will scan for the Bluetooth devices within range ,and show the founded devices in the list under the icon.

- Tips：

a. If the list can't find your equipment, touch scanning equipment to re-scan it.

b. Make sure that the devices wanted are under the detected mode.

3) Touch headset in the equipment list to finish the connection.

- Notices：generally Bluetooth devices need password to be paired, often use「0000」as the default password. 4)The pairing and connecting status will show under the headset in the Bluetooth devices list. When the headset connected to your phone, the status box will show this icon（ ）means connected. Then you can use the headset to make or receive callings.

5. Dialling

When the icon of internet server appears in the screen, you could dial or receive callings. The signal bar on the top right corner show the strength of network signal (the maximum with 4 signal bars) .

• Start dialing

a. Open the application main interface > dial. You can enter the phone number in the dial box
b. Direct access to the dial directly on the main interface

- Dialling

At the dialing Keboard , enter the phone number, and then click the dialing key . If needed to call the extension,you could click the "dial pad" in the bottom of the screen to open the interface or press menu key to select "delay 2 seconds", and then enter the number of the extension.

- Telephone calls in the call log

Every telephone number called will reserved in phone's menu of call log.
All numbers in the call log can be dialed by clicking the button "dial" on the right side of the screen.
When number list appearing, click it to catch details; press it for long you could dial via "SIM", meanwhile you can edit, delete, save the number or do other operations.

- Answer the phone

Incoming call, press the answer button to answer the call
When the other interface receives a phone call, press the answer key to answer the call.。

- Refuse to answer the phone
a. When standby, calling comes, click on the "refuse" button to refuse the calling.
b. When using,calling comes,click on the "refuse" button to refuse the calling.
-

- Telephone recording

During the call, more>start record, you could record the dialog of the call.
1)settings>set other functions of the call in the dialing settings,for example:Call Transfer – after all the settings finished and turned on, you could transfer the call to a certain number.

6. Messaging

- **Important:** the message title of this phone is the phone number, will be reserved in s similar for of dialog, instead of the usual folder structure. Messages with blue background are those received, and messages with white background are those sent.

a. **Send SMS to certain phone number**
b. Press home>messaging, touch "new messages".
c. In the interface of "edit":
d. Click "recipient" box to start input method, you can also click "enter" box to start input method, in that way you can enter characters。
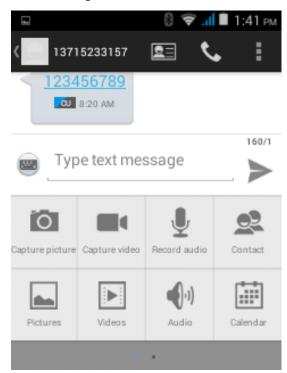e. when the receiver and the input content is not empty, click the send button to send the message。

- **Send MMS to certain phone number**

When creating message，it was defaulted as SMS，it will be turned to MMS when following operations were done. You can send MMS via clicking "send" after editing.
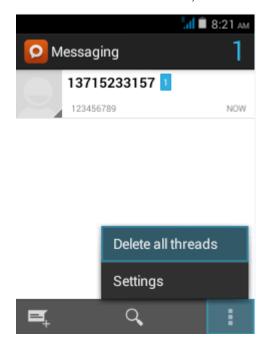
   1) In the interface of "edit"，Click the button of "Menu"：

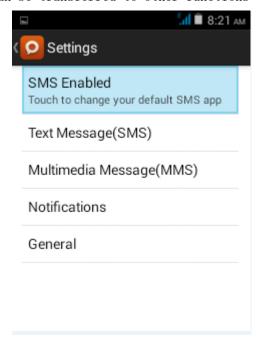Click "append"，you can spend the following attachments，then it will be turned to MMS automatically.

- **Send messages to multiple numbers**

   Enter multiple numbers in the box of entering，each number is divided by the comma in English.

Click on the right side of the head with the receiver plus icon, can choose contact group in the address book
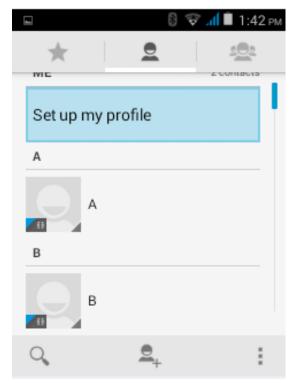

- Information list interface, Menu menu keys can be transferred to other functions

7. Contacts

- Open the menu of applications>contacts

  - Default display phone contacts and SIM card contacts, sort contacts by first letter of
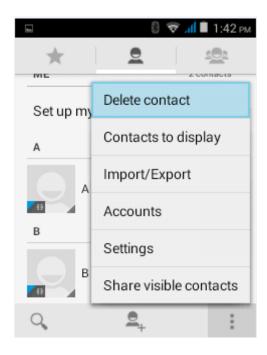
alphabet.

-

2)A. Click Search Icons，You can enter the contact search interface.
a. To enter the Numbers or letters and the list of names of the agreement, which will be shown in the search results。
  B. If it were not so search to match of the contact, interface will appear 'not find any contact.
  3）点Click "Add Contact" Icons,Can create New Contacts
  Select save contacts to phone or a a SIM card, into contact editing interface.
  You can edit contact head, name, telephone number, group, save to and more, and then click "finish".
  4）In contact interface, click on the Menu button

a. Menu >Delete contacts

　　Can "All" Icons checked, click the delete button, delete all the contact person, including cell phone and SIM card of contact.

Can separate check one or more contacts, click the delete, delete the selected all contacts.

b. Menu> To display of the contact

　　You can choose all contact, one a SIM card of contact, the 3G SMART PHONE contacts

c. Choose from the definition, but also on a SIM card and cell phone choice whether or not to show that all the lone contacts.

d. Menu >Import/export

　　In the 3G SMART PHONE can local, SIM card and SD card three parties achieve contact information of the copy each other.

First choose the "copy source" and then select the next step, selecting copy contact to, can complete the contact's copy.

e. Menu >Accounts

　　Account and synchronization set routine synchronous Settings, can choose background data and automatic synchronization.

f. Menu >Share visible contacts

　　All contacts can be imported into the SD card, or through bluetooth, email, text message or MMS share

　　• Open the application interface >Contact，change to the group.

　　1）Click "Add group" Icons can create new group，Just to be saved in a cell phone group

　　2）In "the group name" column input group name, in "type in the contact's name" column input contact key word, can be in all of contact search, and added to the group. Finally click "finish".

　　3）In a group, click on the Menu button, Menu functions

　　a. Menu>Update

　　You can modify the group name, delete or add group of contacts

　　b. Menu >Delete

　　You can delete the group, and will not delete the contact itself.

c. Menu >Send messaging by group.

Automatic new information, and the group added to contact the address bar recipients

d. Menu >Send Email by group

If contact group have the same email address, the automatic new mail, and E-mail address in the address bar add to the receiver

8. Internet Explorer

Internet explorer

1)In the interface of internet explorer，input address filed and enter the URL.

2)Use keypad to enter URL. The appropriate web sites will appear on the screen.

• Homepage

Select "homepage"，you could load in the set homepage. If you do not set it, you will use the vendor's pre-set sites.

●Functions of menu

1) Menu>Backward

 After browsing through multiple pages, will return to the previous page the current page.

2) Menu>Farward

After browsing through multiple pages, will move to a web page after the current page.

3) Menu>Windows

You can view all open windows to the current.

4) Menu>Bookmarks

a. Click the "Bookmarks" to make the current URL as a bookmark saved.

b. Click the bookmark under the bookmarks list,will open the URL.

5) Menu>More

a. Add bookmarks,save the current URL as bookmark.

b. Find on page,search what you need in current page.

c. Select text,in the text, click and drag to select a piece of text.

d. Page info,display page address and other information of the current browsing.

e. Share page,select the Bluetooth or SMS to share the current page.

f. Downloads,show all the content downloaded.

g. History, Show your browsing history, and view the most visited pages of information.

h. Setting,containts a variety of browser settings.
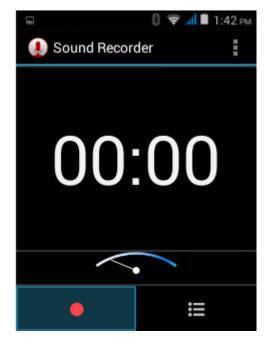
9. Recorder

The recorder can record sound and fast by sending MMS or Bluetooth, also can be recorded voice as Ring tones.
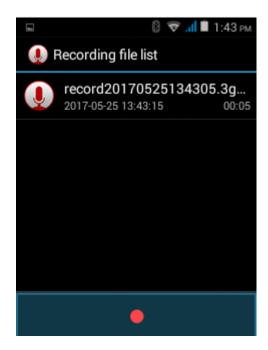
Note: the recorder only uses the 3GPP format to save the audio file.

1) click on the program tape recorder.

2) keep the phone microphone near the sound source.

Tape recorder interface button function

1) click on the recording button to start recording the sound, the interface shows the recording time, and the recording file name.

2) recording process, click the pause button to temporarily stop recording.

3) recording process click stop button, stop recording. Let the user can choose to give up or save the recording. Click on the recording list in this interface, you can play back the recording

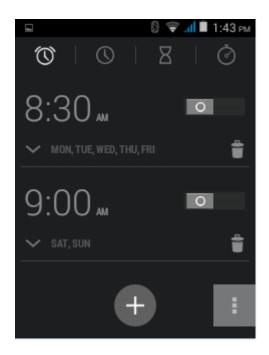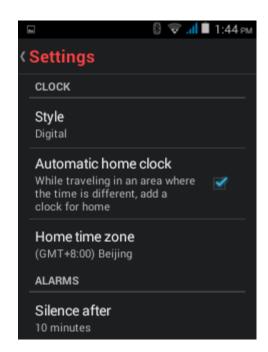4) all recording files can be viewed in the recording list.

10.Clock

- Clock

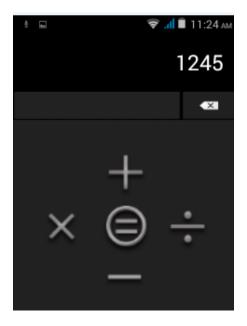Click on the lower left corner of the interface alarm clock settings, enter the alarm settings interface

Alarm clock

1) open the alarm clock, the 3G SMART PHONE will be in your set when the time arrives, a ringing or vibration to remind you that in order to achieve the alarm clock function.

2) by adding alarm clock icon can add the alarm clock. You can set the alarm clock according to your needs. In the "alarm clock" interface, there will be two in the closed alarm clock (two alarm clocks, respectively, from Monday to Friday at 8:30 on Saturday, Sunday, 9 points).

3) click on the alarm clock to edit the contents of the current alarm clock, can edit the contents include time, ring, vibration, repetition and tags.

4) according to the alarm clock, you can disable or enable the alarm clock, modify the alarm clock settings, delete the alarm clock.

5) set, can modify the alarm clock volume, and then ring interval, automatically stop the alarm clock.

11. Caculator

This function can turn your phone into calculator, it can do some simple calculations.

In the interface of calculator, press MENU button or hold down the screen to the left, then the senior panel appears.

12. Camera

12.1　Camera

- Prior preparation

  Install memory card before using the camera or video camera. All your photos or videos taken by the phone are stored in memory card.

- Open camera

  Press home, select camera. Take pictures

Use the arrow keys or long press the menu key out the cursor

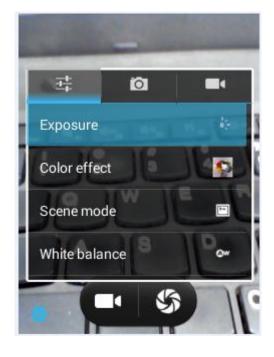Move to before and after the camera button to switch between the default camera and the self timer.

- Take photos

  1）Screen aligned with your subject.

  2) click the shutter button directly on the screen, and take the picture.

  3) after the shooting, the photo automatically takes the time to take pictures as the file name, save to the gallery default camera photo folder.

  4) the bottom left corner of the image in the viewfinder display picture, preview before a photo shoot. Click the preview box, then the full screen display before a photo, and can enlarge the photo view details.

Camera basic settings

      1)exposure:0,+1,+2

      2)color effect:none, mono, sepia, negative, sepia blue.

      3)scene mode:auto, normal, night, sunset, portrait, landscap, sports

      4)white balance:auto, incandes, daylight, fluorescent, cloudy, tungsten

      5) anti-flicker: off, 50 Hz, 60 Hz

  Photo setting

      1) face recognition

      2) smile shot

      2) self timer: off, 2 seconds, 10 seconds

      3) picture size: VGA, 1 million pixels, 1 million 300 thousand pixels

12.2 **Video camera**

- Prior preparation

Install memory card before using the camera or video camera. All your photos or videos taken by the phone are stored in memory card.

- Take video

Press the home page, click the menu, select the camera. Switch to camera mode.

Shooting video

1) use the screen to align your subject.

2) touch the shutter button directly on the screen.

3) after the shooting, the video automatically takes the time as the file name, save to the gallery default camera photo folder.

4) the bottom left corner of the image in the viewfinder display photos, before a video preview. Touch the preview box, the full screen display video, touch the play button can play video.

13. **Images**

- Open images

1）Files Interface

In the interface of camera，Press menu to open it，then touch   to operate.

a. a In the library the interface, upper right a slide show the play button, click on the way to the slide circulation play all image files.

b. Click on the images, enter the picture to see interface.

c. Choose a long press image files, pop-up corresponding operation.

1) share pictures

In the folder click the menu button to select a photo or in the image view interface, choose to share. Share methods include Bluetooth, e-mail, information, etc..

A. use e-mail to send a picture: select the e-mail, the picture will be automatically attached to the e-mail. Write your message, click send.

B. uses the information to send pictures: information, pictures are automatically added to the multimedia message. Write your message, click send.

C. Using Bluetooth to send a picture: in the Bluetooth list, select the paired bluetooth device, through the Bluetooth to send pictures.

Watch the movie

1) in the picture library screen, click on the video album, then you want to watch the video, you can start playing video.

2) touch the screen will display the playback control.

    a)   progress control bar: drag the control bar can be moved to any play point.

    b)   screen zoom button: according to the proportion of playback, full screen playback, maximum playback

    c)   pause or continue to play: when the player clicks to pause the video, pause when clicked continue to play video.
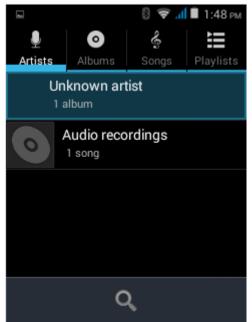

14. Music

The phone can play digital audio files in memory card.The following formats are available : MP3、WAV

   Open Music
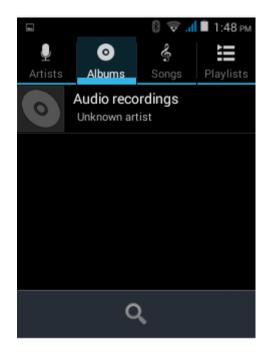
   Press home,click the label of applications, touch music. Then the interface of Music Media appears.

   Music Media

Your music files are classified according to the following four categories：Artists, albums, songs and play lists. click one of these categories; you can view the list inside.

    Continue the operations, until your wanted music appears. Such as，if you choose Artists a list of artists sorted by the numbers in English will appear. Choose any on to open the list，then all the albums and songs will appear. Select one album, then the songs in it will be played.

- Tips: You can play all of the songs in the interface of music media, in random sequence . Press Menu, and then click the Party Shuffle. Then will start playing the first song randomly selected . To close the Party Shuffle, press Menu, then click to turn off the Party Shuffle.

17. FM Radio

FM Radio

Through this program, you may listen to FM radio on the device, FM radio use the wired headset as an antenna to receive signals, before opening this program ,you can install the original equipment-headphones, when listening, you can switch it manually to speakers or the mode with wired headphones.

- **Open FM radio**

click this label   to open the application of FM radio. Click on the "search", automatic scanning search FM channel, and channel in list interface, list all channels

1) Click "FM recording", listening to the radio to the current can be recorded. The tape recording to default file name can be arbitrary well-preserved input filename. Save to FM recording the default file.
2) Click "exit" closed FM radio, cannot listen to in the background.
3) Must be insert cable headphones as antenna, but click on the horn button, can put the FM radio.
4) Click on the frequency of the rear of the five-pointed star icon, channel was added to the collection channel list.

- **Listen to FM radio background**

Click to return to key, the radio program moved to the background, right now you can still continue to listen to the show, and can also carry out any other program.

18. Setting

Your service provider may default some device settings, so you may not be able to change these settings.

Wireless and internet

- **WIFI**

Wi-Fi and Wi-Fi settings   click Wi-Fi to open . Open Wi-Fi ,it can search for available networks automatically, networks without password can be used directly, others need to enter the password first.
Notice：Open Wi-Fi then the flight mode，Wi-Fi will close automatically；Open flight mode then connect Wi-Fi, it can be used normally.

- **Bluetooth**

    Bluetooth switch and setting up the touch bluetooth open, will automatically be search nearby bluetooth open the equipment.

- **More**

  Wireless & networks

  a. Airplane mode
  b. VPN
  c. Mobile networks

- **Displays**

  a. Brightness Adjust the brightness.
  b. Auto rotating screen Rotate phone to change direction.
  c. Animation Choose to display animations.
  d. Screen Timeout Adjust the delay before the screen automatically locks.

- **Audion profiles**

  This option gives the phone tones' settings under the status of receiving calls or notification. Including: Vibration, volume, ring tones, ring tones notification and feedback (Button operation tone, select Sound, screen lock tone, touch).To adapt every environment.

  a. Select "Standard / Mute / Conference / Outdoor, Touch the spot on the right, when turns blue,it opens.
  b. Volume: Including the ring volume and alarm clock settings, you can manually slide to select.

- **Storage**

  a. Can view the SD card and cell phone memory usage.
  b. Can Unmount SD card or Erase SD card.
  c. Can choose the default memory

Personal

- **Security**

  Encryption

  a. Encrypt phone Require a numeric PIN or password to decrypt your phone each time your power t on.

  Passwords

  a. Make passwords visible

Device administration

a. Device administrators   View or deactivate device administrators.

b. Unknown sources   Allow installation of apps from unknown sources.

c. Verify apps   Disallow or warn before instakkation of apps that may cause harm.

d. Auto-start management   Allow or deny app auto-start during system bootup.

e. App permissions   Manage app permissions for security and privacy protection.

f. Mobile anti-theft   Lock the phone or wipe data remotely.

Credential storage

a. Storage type   Software only.

b. Trusted credentials   Display trusted CA certificates.

c. Install from phone storage   Install certificates from phone storage.

d. Clear credentials   Remove all certificates.

- ### Language

a. Language   Include all the languages on the phone.

b. Spell checker

c. Personal dictionary   Add words to custom dictionary or delete.

d. Keyboard Settings

e. Speech   Text-to-speech output

f. Mouse/trackpad   Pointer speed

- ### reset

Personal data

a. DRM reset   Deletes all DRM licenses.

b. Factory data reset   Erases all data on phone.

System

- ### Date and Time

a. Automation date&time   Use date and time provided by Network.

b. Automatic time zone   Use network-provided time zone.

c. Set date   Touch "+" and "-" to set date.

d. Set tme   Touch "+" and "-" to set time.

e. Select time zone   Select Time Zone according to where you are. For China please select "GMT+08:00, China Standard Time".

f. Use 24 Hour Time Format   ON/OFF

g. Choose date format   There are 7 kinds of formats you can choose from:

Regional (12/31/2010)

12/31/2010

31/12/2010

```
2010/12/31
Fri, Dec 31, 2010
Fri, 31 Dec 2010
2010 Dec 31, Fri
```

- **About phone**
- You can check the information on status bar and remaining power.

17. Notices for the use of phone

Your phone is a product of superior design and craftsmanship and should be treated with care. The following suggestions can help you comply with the terms of repair kits, to extend the life of 3G SMART PHONE.

1) Place the 3G SMART PHONE and their parts and components out of reach of small children.

1) Keep the phone dry, rain, humidity and all types of liquids which contain minerals will corrode electronic circuits.

2) Don't touch the phone with wet hands when charging, it will cause electric shock or damage the phone.

3) Avoid place the device in high temperature environment. Temperatures will shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.

4) Avoid place the device in too low temperature environment. When the temperature rises, the phone will produce water vapor that may damage electronic circuit.

5) Avoid place the phone in dusty, dirty places, otherwise parts may be damaged.

6) To avoid the phone in a lit cigarette, near open flame or any heat source.

7) Do not open the device, non-professional approach will do damage to the phone.

8) Do not throwit from height, knock or shake the phone, rough handling can damage internal circuit boards.

9) Do not paint the phone, because the paint will block headphones, microphones or other removable parts, and lead it not work.

10) Use clean, soft, dry cloth to clean the camera, light sensor lenses. Prohibit the use of harmful chemicals and cleaning agents, cleaning fluids to clean the phone

11) If 3G SMART PHONE, battery, charger, or 3G SMART PHONE accessories are defective, send to the nearest qualified service center for inspection.

12) I f nessary, Service Centre staff will assist you and will arrange for phone repairs.

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.

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

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

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

Specific Absorption Rate (SAR) information:

This 3G SMART PHONE meets the government's requirements for exposure to radio waves. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons regardless of age or health.

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: 3G SMART PHONE (FCC ID: YPVITALCOMSPARK) 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 0.769W/kg and when properly worn on the body is 1.186W/kg. the Hotspot SAR value is 1.186W/kg, the simultaneous transmission SAR value is 1.462W/kg on the head and 1.562W/ kg on the body. This device was tested for typical body-worn operations with the back of the handset kept 10mm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 10mm 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.

Body-worn Operation

This device was tested for typical body-worn operations. To comply with RF exposure requirements, a minimum separation distance of 10mm must be maintained between the user's body and the handset, including the antenna. Third-party belt-clips, holsters, and similar accessories used by this device should not contain any metallic components. Body-worn accessories that do not meet these requirements may not comply with RF exposure requirements and should be avoided. Use only the supplied or an approved antenna.