

User Manual

HY2-3169BL

Made by: Solnik S.A.

Address: Dr Emilio Ravignani 1724 - C.A.B.A. - República Argentina.

TABLE OF CONTENTS

I. SAFETY INFORMATION

1.1 LEAK OF RADIO FREQUENCY ENERGY.....	11
1.2 PRECAUTIONS WHEN CARRYING THE PHONE WITH YOU (CARRYING YOUR PHONE).....	11
1.3 RADIO-FREQUENCY INTERFERENCE COMPATIBILITY.....	12
1.4 PUBLIC PLACES.....	12
1.5 AIRPLANE SAFETY RULES.....	13
1.6 PACEMAKER.....	13
1.7 HEARING-AID.....	13
1.8 OTHER MEDICAL EQUIPMENT.....	14
1.9 SAFE TRANSPORTATION FIRST.....	14
1.10 EXPLOSION-PRONE AREAS.....	14
1.11 BATTERIES.....	15
1.12 ELECTROMAGNETIC RADIATION.....	15
1.13 OTHER SAFETY PRECAUTIONS.....	15
1.14 NOTES FOR CHILDREN'S USE.....	17

1.15 OTHER NOTES.....	17
2 SAFETY PRECAUTIONS.....	18
3 OVERVIEW OF THE PHONE.....	21
1. 3.1 Keys of the phone.....	21
2. 3.2 Interfaces of the phone.....	23
4 INTRODUCTION TO USAGE OF THE PHONE.....	24
4.1 INSTALL AND REMOVE THE BATTERY.....	24
3. 4.1.1 Install the battery.....	25
4. 4.1.2 Remove the battery.....	25
5. 4.1.3 Power display.....	26
6. 4.1.4 Charge the battery.....	26
4.2 INSTALLING AND REMOVING THE SIM CARD.....	27
7. 4.2.1 Install the SIM card.....	27
8. 4.2.2 Remove the SIM card.....	28
4.3 INSERTING AND REMOVING THE STORAGE CARD.....	28
4.3 SWITCH ON AND OFF	29

9. 4.3.1 Switch on.....	29
10. 4.3.3 Password lock.....	30
11 4.3.4 PIN1.....	30
12 4.3.5 PIN2.....	30
13. 4.3.6 PUK.....	31
14. 4.3.7 PUK2.....	31
5 CALL FUNCTIONS.....	31
5.1 MAKE A VOICE CALL.....	31
15. 5.1.1 Make a domestic call.....	32
5.1.2 Make an international call.....	33
16. 5.1.3 Make a video call.....	33
17. 5.1.4 Answer a voice call.....	33
18. 5.1.5 Answer a video call.....	34
5.2 DURING A VOICE CALL.....	34
19. 5.2.1 Adjust the volume.....	35
20. 5.2.2 New information.....	35
21. 5.2.3 Answer a new call.....	35
22. 5.2.4 Connect two calls at the same time.....	35

23. 5.2.5 Conference call.....	36
5.3 EMERGENCY CALL.....	37
5.4 DURING A VIDEO CALL.....	37
6 CONTACTS.....	37
6.2 CONTACTS OF THE SIM CARD.....	40
7 TEXT MESSAGE AND MULTIMEDIA MESSAGES.....	41
7.1 Create and send short message (SMS).....	41
7.2 Create and send multimedia message (MMS).....	41
7.3 Delete a message.....	42
7.4 Message Search.....	42
7.5 Message Setup.....	43
8 SETTINGS.....	43
8.1 Wireless & Networks.....	43
24. 8.1.1 Airplane mode.....	44
25. 8.1.2 WLAN and Settings.....	44
26. 8.1.3 Bluetooth and settings.....	44
27. 8.1.4 Virtual private network settings.....	44

28. 8.1.5 Mobile networks.....	44
8.2 CALL SETTINGS.....	45
29. 8.2.1 Fixed dialling.....	45
30. 8.2.2 Video call.....	45
31. 8.2.3 Voice mail.....	46
32. 8.2.4 Other call settings.....	46
8.3 SOUND AND DISPLAY (RINGER MODE).....	47
33. 8.3.1 Start ringer mode.....	48
34. 8.3.2 Customized ringer mode.....	48
8.4 LOCATION AND SECURITY.....	50
35. 8.4.1 My location.....	50
36. 8.4.2 Screen unlock picture.....	50
37. 8.4.3 SIM card locking.....	50
38. 8.4.4 Password.....	51
39. 8.4.5 Credential storage.....	51
8.5 APPLICATIONS.....	51
8.6 ACCOUNT & SYNC.....	52
40. 8.6.1 General sync settings.....	52

41. 8.6.2 Account management.....	52
8.7 PRIVACY.....	52
8.8 SD CARD AND MEMORY OF THE PHONE.....	53
42. 8.8.1 SD Card.....	53
43. 8.8.2 Memory of the phone.....	53
8.9 SEARCH.....	53
44. 8.9.1 Web page search.....	53
45. 8.9.2 Rapid search box.....	53
8.10 LANGUAGE & KEYBOARD.....	54
46. 8.10.1 Language selection.....	54
47. 8.10.2 Text settings.....	54
8.11 DATE AND TIME.....	54
8.12 ABOUT THE PHONE.....	55
9 BROWSER.....	55
9.1 START THE BROWSER.....	55
9.2 OPEN A WEB PAGE.....	55
9.3 BASIC FUNCTIONS OF THE BROWSER.....	56
48. 9.3.1 Create a new window.....	56

49. 9.3.2 Bookmark.....	56
50. 9.3.3 Window.....	56
51. 9.3.4 Forward.....	57
52. 9.3.5 Backward.....	57
53. 9.3.6 More.....	57
10 APPLICATIONS.....	58
10.1 PHOTO CAMERA AND VIDEO CAMERA.....	58
54. 10.1.1 Photo camera.....	59
10.2 Image library.....	60
10.3 MUSIC.....	61
55. 10.3.1 Music play.....	62
10.4 VIDEO.....	62
10.5 VOICE RECORDER.....	63
10.6 CLOCK.....	63
56. 10.6.1 Alarm settings.....	64
57. 10.6.2 World time.....	64
58. 10.6.3 Stopwatch.....	65
59. 10.6.4 Countdown.....	65

10.7 CALCULATOR.....	66
10.8 CONVERSION TOOL.....	66
60. 10.8.1 Exchange rate.....	66
61. 10.8.2 Measures.....	66
10.9 NOTEPAD.....	67
11 MY FAVORITE.....	67
11.1 ALL MUSIC.....	67
11.2 ALL PICTURES.....	67
11.3 SD CARD FILES.....	68
11.4 FILES FROM CAMERA.....	69
12 CONNECTIONS.....	68
12.1 USB MODE.....	69
12.2 ACCESS TO INTERNET VIA GPRS.....	69
13 OTHER APPLICATIONS.....	70
13.1 DICTIONARY.....	70
13.2 SCHEDULES.....	71
62. 13.2.1 Functional introduction.....	71

63. 13.2.2 Schedules.....	71
13.3 CALENDAR.....	72
64. 13.3.1 Query of Solar Terms.....	72
65. 13.3.2 Query of Holidays.....	72
13.4 FILE READER.....	72
13.5 GAMES.....	72

1 Safety Information

Please read and follow all safety warnings in this User Manual for safe and effective use of your mobile phone.

1.1 Leak of radio frequency energy

This phone is a low-power and wireless transmitter and receiver. After power-on, it will receive and transmit radio signals intermittently. The network system will control the transmitting power of the phone. This device meets the standard of radio frequency energy in the country and is certified by both local and international authorities.

1.2 Precautions when carrying the phone with you (Carrying your phone)

Always follow local rules and regulations regarding the use of your mobile phone. Please turn off in places where the use of it is prohibited to prevent interference or danger.

This device meets the RF exposure guidelines, and must be either in the normal use position against the ear or at least 2.5cm away from the body. If you need to carry the phone with a carry case or belt clip, make sure that it does not contain any metal and must be placed same distance away from your body.

1.3 Radio-frequency interference compatibility

(Interference)

Your phone is highly susceptible to interference which could affect the performance of any electronic or medical equipment.

1.4 Public places

Please switch off your phone in any area where such notice is posted. These areas include medical locations such as

hospitals and nursing homes where there is equipment sensitive to external radio frequency signals.

1.5 Airplane safety rules

Switch off your phone while inside or near an airplane.

The use of handsets in such areas is restricted and may be illegal for it may affect the operation of the aircraft and disrupt wireless telephone network.

1.6 Pacemaker

A minimum separation of 15.3 centimeters or 6 inches must be maintained between the mobile device and medical devices such as the pacemaker.

Do not carry the wireless device in breast pockets. Use the phone opposite the pacemaker to reduce possibility of interference. Turn off your phone if you suspect that interference is taking place.

1.7 Hearing-aid

The phone may interfere with some hearing-aid devices. In case of interference, please ask your hearing-aid manufacturer for a solution.

1.8 Other medical equipment

If you personally use medical devices, consult your manufacturer to check if it can resist radio frequency signals. For relevant information, you may also consult medical professionals.

1.9 Safe transportation first

Follow traffic regulations. Do not use your mobile phone while driving to ensure safety. Park your car first if you really need to answer or make a phone call. Never place your handset near the airbag deployment area to avoid further damages when the airbag is released.

1.10 Explosion-prone Areas

Switch off your phone near flammable facilities or areas where explosions may occur. Follow rules and regulations in such places to avoid danger.

1.11 Batteries

Avoid contact to the battery's metal terminals for it may cause short-circuit or injury.

1.12 Electromagnetic radiation

See page 76 of this document.

1.13 Other safety precautions

Please read these additional guidelines for your safety:

- This mobile phone is not water-resistant. Keep it dry.

- Do not store this device in areas with extremely hot or cold temperature.
- Never put your phone near a fire or lighted cigarettes.
- Do not press the keys with sharp or pointed objects.
- Do not kick, drop or shake your handset.
- Do not place the phone near computer discs, credit cards, travellers' card or other magnetic objects. Otherwise, information stored in the disc or credit card may be affected.
- Please do not store the phone or the battery under direct sunlight, such as the glove compartment of the car and window sill.
- Do not remove the battery when the phone is switched on.
- Never throw the battery into a fire to prevent explosion.
- Do not disassemble or remodel your phone or its accessories. This may cause damage or void its warranty.
- Use only authorized battery and enhancements for your mobile phone. The use of incompatible accessories may cause damage to property and even health.

When disposing the battery, always follow local environmental laws.

- Do not use harsh and strong chemicals in cleaning your

mobile device. Use a damp or antistatic cloth instead.

- The LED and camera of this handset are fragile. Use the phone carefully.

1.14 Notes for children's use

Keep the phone out of children's reach. Never let them play with the phone or its accessories to prevent any physical damage to the handset and further injury to the child. Do not let them disassemble the phone to avoid swallowing small parts of it.

1.15 Other notes

Only authorized personnel can disassemble, open and repair this unit. Use accessories approved only by the manufacturer to avoid damage and invalidity of its warranty.

2 Safety precautions



Always switch off your phone near medical equipment to avoid interference.



Always switch off your phone near a refuelling point, chemical factory or when doing explosive jobs, because the phone may affect the technical assembling operations.



This handset can be used with a SIM card and storage cards.



Charge your phone within the specified voltage only. Charging it beyond the recommended voltage may cause damage to the handset.



Do not short-circuit the batteries to avoid damage and fire;
Do not store the battery in a high temperature area.
Never throw the battery into a fire to prevent explosion.

Refrain from using damaged or old charger and batteries;

Surrender used batteries to the supplier or dispose them according to local environmental laws.



The phone may cause interference in electronic appliances such as TV, radio and personal computer.



The phone must be switched off at any time in an airplane to avoid interference to electronic system that may cause aircraft accidents.

3 Overview of the phone

1. 3.1 Keys of the phone

Keys	Description
Up direction key on the left	Move upward; Short press to set to mute state when there is a call; Short press to turn up volume during a call; Short press to enter into the ringing volume adjustment window in standby mode; Short press to enter into the media volume adjustment interface in media related interface.
Down direction key on the left	Move downward;

	Short press to set to mute state when there is a call; Short press to turn down volume during a call; Short press to enter into the ringing volume adjustment window in standby mode; Short press to enter the media volume Adjustment interface in media related interface.
Menu key	Press to enter the menu interface of the page.
ON/OFF key	Press to switch on the phone: long press and then select OFF to switch off the phone. Press the key for a longer time to directly switch off the phone.

	Short press to lock the screen and short press to light up the backlight in locking interface;
Home key	In other interface, press Home key to return to Idle interface. In Idle interface, press Home key to enter into contraction mode.
Return key	Return to the previous page or quit the operating module.

2. 3.2 Interfaces of the phone

Interfaces	Description
Earphone jack	On the top of the phone, used to connect the earphone.

Charger interface	On the top of the phone, used to connect the charger and the data line
TF card slot	Under the battery, inside right of the phone.

4 Introduction to usage of the phone

4.1 Install and Remove the battery

Mi501 is powered with a rechargeable lithium battery. Please use the original battery provided by the manufacturer and installs the battery properly before using the phone.

3. **4.1.1 Install the battery**

Follow the procedures below in installing the battery:

1. Remove the cover by lifting it.
2. Align the battery's exposed copper contacts with the battery connectors inside the battery compartment, press the battery down until it locks into place.
3. Align and hook the back cover to the top of the battery slot and then press the back cover down until it locks into place.

4. **4.1.2 Remove the battery**

1. Before removing the battery, ensure that the phone is turned off.
2. Lift the back cover up to remove it.
3. Push the notch on the back end of the battery downward to take out the battery.

5. **4.1.3 Power display**

The battery power icon is displayed on the top left corner of the screen. When the power is already weak, a signal will be shown to display the current power and remind you of recharging.

When the power is too low to support the operation, the phone will automatically switch off.

Please read through the following notes before recharging your battery.

- Charge the battery for at least 4 hours when using it for the first time.
- Batteries have life cycles. It is normal for batteries to gradually wear down and require longer charging times. If the battery power life cycle becomes noticeably shorter than usual, the battery life is at its end. Replace it with a new one.

6. **4.1.4 Charge the battery**

It is highly recommended to use only authorized batteries and chargers for your phone.

Charging the battery:

Make sure the battery is inserted before charging.

1. Plug in the connector at the bottom of your phone (USB interface)
2. Then plug the other end into an AC power socket.
3. The battery symbol will appear indicating the charging status of your phone.
4. When all the scroll bars are steady, the battery is fully charged. You can then disconnect the charger.

4.2 Installing and removing the SIM card

Before you can fully use your handset, a SIM card must be installed first.

Notes:

Keep the SIM card out children's reach.

Be careful in handling your SIM card. Avoid bending or scratching it to prevent damaging your card.

7. 4.2.1 Install the SIM card

Make sure that the phone is turned off. Remove the back cover of your phone before inserting the SIM card in its slot.

1. Switch off the phone and remove the battery.

2. Ensure that the clipped corner of the SIM card is facing the correct direction and the metallic contacts are facing downwards.
3. Slide the SIM card into the card slot until it stops.

8. **4.2.2 Remove the SIM card**

Removing the SIM card is just the opposite of the installation procedure.

4.3 Inserting and removing the storage card

This handset has a T-flash card slot with a maximum storage of 4GB.

Lift the back cover up to remove it. The slot for the SD card is located at the bottom part of the handset. With the metal contacts facing down, gently put the T-Flash card into the slot. Pull the cover to the left to lock it. Put the battery cover back on. When you switch on the phone, the prompt showing "T card is not inserted" in the interface will disappear.

The procedure for removing the storage card is just opposite installation procedure.

Note: Please use the storage card (T-Flash) produced by the recognized manufacturer.

4.3 Switch on and off

9. 4.3.1 Switch on

Make sure the battery and SIM card is properly inserted before turning on your phone.

When the phone is off, press the ON/OFF key to switch on.

4.3.2 Switch off

In standby mode, a long press on the ON/OFF key will enter the options menu. Select OFF in the menu and “Confirm” in the pop-up OFF prompt to switch off the phone.

10. **4.3.3 Password lock**

You can increase the security of your phone by setting a screen unlock pattern. Once set, in order to unlock your screen, you'll have to draw the correct unlock pattern. See "Location and security setup" for the details of password locks, password revision and other functions.

11. **4.3.4 PIN1**

Your PIN1 (Personal Identification Number) password can protect your SIM card from unauthorized use. This password is supplied by your local network service provider. If it is not provided or lost, please consult your service supplier.

12. **4.3.5 PIN2**

PIN2 is provided for some SIM cards. In this case, you are required to input PIN2 to use fixed dialling and other special functions. However, you can use these functions only when your SIM card supports these functions. If it is not provided or lost, please consult your service supplier.

13. **4.3.6 PUK**

To unlock locked SIM card, you must input PUK (PIN Unblocking Key). The PUK is generally supplied together with the SIM card. If it is not provided or lost, please consult your service supplier.

14. **4.3.7 PUK2**

Some SIM cards are provided with PUK2 to unlock the PIN2 locked. This password is generally supplied together with the SIM card. If it is not provided or lost, please consult your service supplier.

5 Call functions

5.1 Make a voice call

Several dialling modes are available for this phone: direct dialling, making a call from call log, from contact list and from SIM card.

Direct dialling: Click the Dial icon to enter the analog keyboard interface and dial the number;

Make a call from call log: Click the Dial icon in standby interface to enter the analog keyboard interface, go into the call log from the tab, and select the number from the call log for dialling;

Make a call from contact list: Go to the contact list from the main menu or dialling interface, and select the number to dial;

Make a call from SIM card: In analog keyboard interface, click the number keys and then # sign, the number in the corresponding location of the SIM card will automatically show up and can be dialled directly.

15. 5.1.1 Make a domestic call

Press the Dial key, input the number from the analog keyboard and click the **Voice Call** key from the analog keyboard to make the voice call.

Delete: Delete the number before the cursor; if the Input Column is empty, the Delete Key will not work;

Contact list: Go into the contact list and select the number from the list for dialling;

Add to the contact list: Add the current number to the contact list.. After dialling, please click the Hang-up Key to end the call.

5.1.2 Make an international call

In analog keyboard interface, press and hold 0 Key till “+” appears on the screen, and then input the related national code and the complete phone number.

For example, to dial a number in France, press and hold 0 key (until the sign “+” appears), input 33 (French code) and then input the complete phone number.

16. 5.1.3 Make a video call

Press the Dial key in analog keyboard, and click the **Video Call** key from the analog keyboard to make the video call.

Caution:

Video call can only be made with 3G network.

17. 5.1.4 Answer a voice call

Slide the **Answer Key** to the right to answer a call.
After dialling, press the **Hang-up Key** to end the call.

18. 5.1.5 Answer a video call

Slide the Answer Key to the right to answer a call.
After dialling, press the **Hang-up** Key to end the call.

5.2 During a voice call

During a voice call, press the shortcut button on the screen to complete the following functions:

Mute: Mute the volume so the person you are talking to will not hear you. However, you will still be able to listen to the other line.

Dialling keyboard: Enter the dialling keyboard interface;

Hands free: After switching to hands free mode, the current calling voice is played on the loudspeaker;

Add a call: Make a second call at the same time; After putting the corresponding number, press the **Dial Key** to make a call;

Waiting: Hold the current call.

Bluetooth: Switching to Bluetooth earphone during a call is allowed after it has been connected.

Hang-up: End a call.

19. **5.2.1 Adjust the volume**

During a call, press the Upper cursor Key or Lower cursor Key on the side to turn up or down the volume of the receiver.

20. **5.2.2 New information**

The prompt for new information may appear in the state column during a call.

21. **5.2.3 Answer a new call**

If the call waiting function is enabled and there is a new call during a call in progress, a notification will show up on your screen. You can slide the Answer Key to the right to answer the new call while the previous call will be on hold; if you do not want to answer the new call, you can click the Refuse Key to hang up the call by sliding leftward.

22. **5.2.4 Connect two calls at the same time**

After two calls are connected, press the shortcut button on the screen to do the following functions:

Exchange: Activate/hold the current call; both sides cannot hear each other during holding;

Hang up: End the current call;

Mute: Volume will be on silent mode;

Dialling keyboard: Enter the dialling keyboard interface;

Hands free: After switching to hands free mode, the current calling voice is played on the loudspeaker;

Merge calls: With this function, it is possible to make a conference call with several persons and make a separate call with a designated participant;

Bluetooth: Switching to Bluetooth earphone is allowed after it has been connected.

23. 5.2.5 Conference call

During a conference call, press the shortcut button on the screen to do the following functions:

Waiting: Hold the current call; the participants of the conference call cannot hear each other at this time;

Mute: Mute the volume at the moment;

Dialling keyboard: Enter the dialling keyboard interface;

Hands free: After switching to hands free mode, the current calling voice is played on the loudspeaker;

Add a call: Make a new call or dial an extension;

Management: View the list of the conference members;

Bluetooth: Switching to Bluetooth earphone during a call is allowed after it has been connected.

Hang-up: End a call.

5.3 Emergency call

You can make emergency calls as long as your current location is covered by the network area. Emergency numbers vary by country and those number(s) in your mobile phone may not work in all locations. Sometimes an emergency call cannot be made due to network problems.

5.4 During a video call

During a video call, press the shortcut button on the screen to perform the following operations:

Switch the front and the back cameras: Switching between the front and the back cameras;

Mute: Mute the volume at the moment;

Dialling keyboard: Enter the dialling keyboard interface;

Hands free: After switching to hands free mode, the current calling voice is played on the loudspeaker;

Disable a video: Turn off the camera;

Disable local display: The local images will be closed;

Far-near exchange: The locations of far and near pictures will be exchanged.

Bluetooth: Switching to Bluetooth earphone during a call is allowed after it has been connected.

Hang-up: End a call.

6 Contacts

You can manage the contact information on your phone and the SIM card from the contact list.

You can also make other operations such as dialling, sending a message and sharing a contact.

You can perform the following operations in the contact interface:

View a contact in the phone or the SIM card: Click a contact in the phone or the SIM card to enter and view the details of the contact;

Create a contact: Create a contact into the phone or the SIM card;

Search a contact: Input the first letter of a contact to search the related contacts;

Select groups: Select to display the phone contacts or the SIM card contacts;

Delete: Delete one or several contacts;

Import/Export: Share the contacts with the email or Bluetooth, or duplicate the contacts to the phone or the SIM card, or import and export the contacts from an SD card.

Manage groups: Add a new group;

Display tab: You can display the contacts with phone numbers only.

6.1 Contacts of the phone

A long press on a contact in the phone can perform the following operations:

View a contact, call a contact, make a video call to a contact, send a message to a contact, add to favourites, edit a contact, share and duplicate to the SIM card.

Among these, the following are included by editing a contact:

Contact image: You can select a picture as the contact image;

First name and last name: Enter the first name and last name of a contact;

Phone number: Add several phone numbers;

Email: Add several email addresses;

Instant message: Add several different instant messages;

Postal address: Add several postal addresses;

Organization: Add several organizations;

Remarks: Add one remark or several remarks for a contact;

Nickname: Add one nickname or several nicknames for a contact;

Website: Add one website or several websites for a contact.

6.2 Contacts of the SIM Card

A long press on a contact in the SIM card can perform the following operations:

View a contact, call a contact, make a video call to a contact, send a message to a contact, edit a contact, share and duplicate to the phone.

The following menus can be used to edit a contact:

Name: Add the contact name;

Phone number: Add no more than two phone numbers;

Email: One email address can only be added.

7 Text messages and multimedia Messages

You can send a short message (SMS) and a multimedia message (MMS) to other terminals in the message option.

7.1 Create and send a short message (SMS)

In the message interface, click new message (create a new message) and input the number in the receiver.

While you input, the matching contact may be automatically displayed under the receiver.

Continue input or select the contact displayed or click the contact list icon on the right to select the corresponding one.

Input the textual contents in the input box below, and click the Send button on the right after typing to send the short message (SMS).

7.2 Create and send a multimedia message (MMS)

In the message interface, click new message (create a new message) and input the number in the receiver.

While you input, the matching contact may be automatically displayed under the receiver.

Continue input or select the contact displayed or click the contact list icon on the right to select the corresponding one.

In the menu, select to add a subject or an attachment, wherein pictures, video & audio episodes and slides can be inserted into the attachment, texts can be put in the input box.

Afterwards, click the Send button on the right to send the multimedia message (MMS).

7.3 Delete a message

Press the Menu key in the message interface to display options, select Delete Messages to delete all messages.

A long press on a separated message will show the options. Select Delete to delete the message. To delete a single message from the list, enter the message, press and hold and select Delete in the pop-up options to delete the message.

7.4 Message Search

Press the Menu key in the message interface, select Search, input a keyword in the search box, and click the search icon on the right to automatically look for the related contents in the messages.

7.5 Message setup:

Storage setup: Set the number of short messages (SMS) and multimedia messages (MMS) to be stored. Once it reaches storage capacity, old messages will be automatically deleted.

Short message (SMS) setup: Choose from the following options: Set the short message sending report, edit the short message center phone number and manage the short messages in the SIM card.

Multimedia (MMS) setup: Choose from the following options: Set the report sending, report as read, automatic search and automatic retrieval for roaming access.

Notice setup: Select to display Notice in status bar and Notice tone.

8 Settings

You can customize different features in your phone to suit your preferences.

These features include: wireless & networks, call settings, sound & display, location & security, Applications, account & sync, privacy, SD card and memory, search, language & keyboard, and date & time.

8.1 Wireless & networks

The phone shall be set according to your network service provider, including:

24. **8.1.1 Airplane mode**

In airplane mode, the phone's wireless connections will temporarily stop.

25. **8.1.2 WLAN and Settings**

This option lets you open WLAN, set and manage wireless access points.

26. **8.1.3 Bluetooth and settings**

Activate Bluetooth and manage connection with other devices.

27. **8.1.4 Virtual private network settings**

Add the virtual private network.

28. **8.1.5 Mobile networks**

Set data roaming and access point name, select the operator, set to use 2G network only or 3G network only.

8.2 Call settings

Call settings include: fixed dialling, video call, voice mail and other call settings.

29. 8.2.1 Fixed dialling

Fixed dialling enables user to dial several phone numbers. The number without a fixed dialling setting cannot be dialled. Enter fixed dialling, enable the function, input PIN2 (provided by the operator) to enable the fixed dialling function. (If activated, select disable to stop fixed dialling function.) To set the contact list for fixed dialling in the fixed dial list, enter the fixed dialling list, and then add or delete a contact.

Caution:

The number of phone numbers to be set for fixed dialling is subject to the operator.

30. 8.2.2 Video call

In video call settings, the picture that the user displays can be set.

31. **8.2.3 Voice mail**

Set voice mail number.

Caution:

You need to apply to your service provider for the voice mail service to be enabled. For more information, please contact your local service provider.

32. **8.2.4 Other call settings**

Call forwarding

This allows you to divert a call in your phone to another number designated by the user.

Voice call transfer: Set your call transfers with the following options: Always Forward, Forward when Busy, Forward when Unanswered and Forward when Unreachable; after successful setup, incoming call can be diverted to a designated phone number according to your settings.

Video call forwarding: Same functions as that in voice call.

Caution:

You are required to input the correct phone number when activating the call forwarding option. Doing so will properly divert the incoming call to the designated number.

Call barring

Outgoing call barring: Select to bar all calls. You may also select to bar international calls and allow domestic calls only.

Incoming call barring: Select to bar all calls or roaming calls.

Barring password change: Change Enable/Disable call barring password.

Other settings

My Number: Display your own number when making a call.

Call waiting: Select whether to permit call waiting or not.

Caution:

The Call waiting service can only be used after this function is enabled by the service.

8.3 Sound and display (ringer mode)

Ringer mode is a group of preset specific definitions for the convenience of rapid start-up.

The phone provides a group of default modes, including: normal mode, outdoor mode, vibration mode, quiet mode and airplane mode.

Each mode is provided with a set of default values. The user can modify and save them in the mode as desired (excluding quiet mode and airplane mode).

33. **8.3.1 Start ringer mode**

After selecting the operating mode, the phone will be set in strict accordance with the mode selected.

34. **8.3.2 Customized ringer mode**

The user may conduct customized settings to various parameters in each mode of the phone, including the following options:

Ringing volume: Set the volume of incoming calls and notices.

Media volume: Set the volume of music and video.

Tone of the phone: Set the default tone for incoming calls.

Vibration for incoming calls: Set to vibrate when a call comes.

Notice tone: Set the default tone for notices.

Flashing notice indicator: A tracking indicator will flash when you receive a new notice.

Key beep: Set to play key sound when using dialling keyboard.

Select beep: Set to play sound when selecting options on the screen.

Touch response: Set to vibrate when pressing the soft key and performing some UI interactions.

SD card notice: Set to use the sound effect when playing the SD card.

Direction: Set to automatically change the display direction when turning the phone.

Animation: Set the window animation of the display.

Brightness: Regulate the screen brightness.

Screen standby: Set the adjustments for automatic screen locking.

8.4 Location and security

35. 8.4.1 My location

Use wireless network: View the location in the Applications via a wireless network.

Use GPS satellite: When positioning, the accuracy is set to street level.

36. 8.4.2 Screen unlock picture

To protect your privacy, you can enable a screen unlock picture. In order to unlock your phone, you need to draw the screen unlock picture. The photo can be changed or deleted.

37. 8.4.3 SIM card locking

Lock SIM card: When the SIM card is locked, you are required to input the PIN code to the system.

Change the PIN of the SIM card: Change the PIN code of your SIM card.

38. **8.4.4 Password**

Password visible: Choose this option to make the text visible when typing your password.

39. **8.4.5 Credential storage**

Use security credential: Allow the Applications to visit the security credentials and other credentials.

Install from the SD card: Install the encrypted certificate.

Password setup: Set or change credential storage password.

Delete the storage: Delete the credential storage of all contents and reset the password.

8.5 Applications

Unknown source: Choose whether to install applications downloaded from a non-electronic market or not.

Manage Applications: Manage and delete the applications installed;

Running service: View and delete the applications installed;

Development: Set the development options of the applications.

8.6 Account & Sync

40. 8.6.1 General sync settings

Background data: After setup, the applications can be synchronized to send and receive data any time;

Automatic sync: After setup, the application will automatically synchronize the data.

41. 8.6.2 Account management

Allow to add, exchange account and synchronization

8.7 Privacy

Recover to factory settings: Clear all data in the phone.

8.8 SD Card and Memory of the Phone

42. **8.8.1 SD Card**

Check the total capacity and available space of the SD card, or uninstall and format the SD card.

43. **8.8.2 Memory of the phone**

Check the available space in the memory.

8.9 Search

44. **8.9.1 Web page search**

Display Google recommendations when setting search input.

45. **8.9.2 Rapid search box**

Search the contents found in the phone.

8.10 Language & keyboard

46. 8.10.1 Language selection

Choose from English, Chinese (Traditional) or Chinese (Simplified) as the language system.

47. 8.10.2 Text settings

Choose to set from the following text input settings: Sougou input mode, Android keyboard, Google input mode, Jinglianyun input mode (handwriting recognition based Google input) and User dictionary.

8.11 Date and Time

Select network time and automatically or manually set date and time. This menu also lets you allow a 24 -hour format display.

8.12 About the phone

This option includes phone status (phone number, state, etc.), power consumption condition, legal information, model, firmware version, baseband version, kernel version and version number.

9 Browser

Internet connectivity is made possible by 3G, GPRS or WLAN access.

9.1 Start the browser

Click the icon directly on the main menu to enter the browser's home page or click URL from Messages or Records to enter into the browser.

9.2 Open a web page

Type the website address in the input box. The matching website may be displayed below the input box during inputting. At this time, you may select the website below and click to open or enter the page from the URL of the text files.

9.3 Basic functions of the browser

48. 9.3.1 Create a new window

Create one or several browse windows.

49. 9.3.2 Bookmark

Bookmark: Include bookmark name and thumbnail, click to enter the website.

Most visit: Put the websites in order of the most visits, click the website for access.

Visit records: Record the websites visited by the browser, click a website for access.

50. 9.3.3 Window

Enter into the window to visit the currently opened page or create a new window.

51. **9.3.4 Forward**

Click forward to return to the next page.

52. **9.3.5 Backward**

Click Backward in the current page to return to the previous page.

53. **9.3.6 More**

In this option, multiple functions can be done, including: add bookmark, find on the page, select text, page information, share the page, download and settings.

The settings also include web page content setup, privacy setup, security setup and advanced setup, specifically:

Web page content setup: In this menu, you can set the font size, zoom, web page overview mode, character coding, pop-up windows setup, picture display, page regulation, transverse display, JavaScript setup, plug-in setup, window setup and home page setup.

Privacy setup: Clear the buffer, viewing records, cookies received and all cookie data, remember and clear form data, start location information function and cancel location information visit authority.

Security setup: Record and clear the password, and display safety notes.

Advanced setup: Default setup for website and reset.

10 Applications

10.1 Photo camera and video camera

This phone is equipped with a camera that lets you take photos and videos and share it with others through the Share function.

Caution:

An SD-card should be inserted before you can use the camera.

54. **10.1.1 Photo camera**

To enter into the viewfinder interface, click the Camera key in the main menu or simply press and hold the camera key.

Press Shoot key to take a photo, and click the thumbnail on the top right to preview the taken photo.

In the preview interface, slide the left bar or press menu key to enter the camera setup interface, specifically:

Viewfinder types: Select from Auto type or night scene type.

Color effects: Choose from the following options: Achromatic, monochromatic, brown or negative film.

Storage location information: The specific location of the photos can be recorded when you select to turn on the storage location, otherwise, it will not be saved.

Photo size: Choose between 2.0 or 3.0 Mega Pixel.

Photo quality: Select from the following options: Normal type, Fine quality and Super Fine quality.

Camera lens: You may use the front lens or the back lens for taking photos.

10.1.2 Video camera

To enter into the video camera viewfinder interface, click on the video camera key in the main menu or press and hold the camera key to switch to the video camera.

Press the Shoot key to take a short film. To preview the film, click the thumbnail on the top right. In the preview interface, slide the right bar or press menu key to call up the video camera setup interface, specifically:

Video quality: Choose between: Low quality suitable for multimedia messages or High quality suitable for storing in SD card.

Video duration: Select how long your film would be: 60 seconds (for multimedia messages), 10 minutes, 30 minutes or 60 minutes.

Color effects: Choose from the following options: Achromatic, monochromatic, brown and negative film.

10.2 Image library

In the image library, you can select photos and videos to delete or share.

You can share your photos through Email, Bluetooth or Messages.

The image library also has Camera Settings function, specifically:

Normal setup: Set the display size, storage order of the photos and videos, and display confirmation information before deleting a photo or video.

Slides playing setup: Set playing interval, switching effect, whether to repeatedly play slides and whether to randomly play slides.

10.3 Music

When you go to the Music function from the menu, four options are displayed: Artist, Album, Song and Playlist. Press the Menu key in artist and album modules to select Party Shuffle Play or All Shuffle Play, or select All Play, Party Shuffle Play or All Shuffle Play in song module, or select Party Shuffle Play (the only play mode) in playlist.

55. 10.3.1 Music play

In the Play interface, select to enter the Play List, Shuffle Play and Repeated Play. To enter the search option, long press on Artist, Album name or Song name. The related information can be searched locally or on Internet. For switching, you may select Previous, Pause or Next in the interface.

In the Play interface, press the Menu key to go to the following options: Music Library, Party Shuffle Play, Add to Play List, Use as Tone and Delete.

10.4 Video

Find the video file in My Favorite, and click Play to automatically play them in landscape mode. Gently touch the screen to show Play Progress, Play/Pause, Previous and Next.

Note: Streaming media can be played in the same way as video window playing and in automatic landscape mode.

10.5 Voice recorder

This handset has a voice recorder that you can turn on to record a call conversation or other ambient sounds. The recording files are saved in the format .amr. You can set a recording file as your tone.

In the recorder window, click the Record key to begin recording. The recording time will be displayed on the screen. Click the Stop key to quit recording. A prompt on the top left will show the information recorded.

Click the record list key on the right, and select the recordings for playing. The Play Progress Bar, Pause/Stop, Previous and Next buttons will appear at the bottom.

You can also send an audio file to other terminals by means of sharing through Email, Bluetooth and Messages.

10.6 Clock

Set to hide or display the clock in the Clock interface.

The Clock function includes alarm, world time, stopwatch and countdown.

56. 10.6.1 Alarm settings

Several alarms are available for this phone. You can set to turn them ON or OFF.

Select an alarm to enter into the status display of the alarm, and view the specific settings of the alarm.

Time: Enter time setting window to set the alarming time;

Tone: Set the alarming tone;

Vibration: Set to vibrate or not during alarm;

Repeat: Select to alarm every day from Monday to Sunday or not;

Label: Input a reminder that will appear during the alarming.

57. 10.6.2 World time

World Time provides great convenience to the people who travel back and forth across the world.

Enter into World Time interface and then add or reduce the specific countries as required.

City	Time Zone	City	Time Zone	City	Time Zone
Beijing	+08:00	Los Angeles	-08:00	Moscow	+03:00
Hong Kong	+08:00	Mexico	-06:00	Baghdad	+03:00
Taipei	+08:00	Chicago	-06:00	Kuwait	+03:00

Manila	+08:00	Ottawa	-06:00	Teheran	+03:30
Singapore	+08:00	Miami	-05:00	New Delhi	+05:30
Pyongyang	+09:00	Washington	-05:00	Calcutta	+05:30
Seoul	+09:00	New York	-05:00	Rangoon	+06:30
Tokyo	+09:00	London	+00:00	Hanoi	+07:00
Osaka	+09:00	Madrid	+01:00	Bangkok	+07:00
Sydney	+10:00	Rome	+01:00	Djakarta	+07:00
Hawaii	-10:00	Paris	+01:00		
Alaska	-09:00	Frankfurt	+01:00		
Seattle	-08:00	Berlin	+01:00		

58. 10.6.3 Stopwatch

Select the Stopwatch function to enter the stopwatch interface.

The starting time is 0. You can select respective timing and circle timing. Click Begin to start timing. During timing, click time/circle recording key so the stopwatch can keep timing for multiple times continuously. Click Stop to quit timing. After resetting, click Begin key again to re-timing.

59. 10.6.4 Countdown

Use the countdown menu to remind you of a given time you have specified.

10.7 Calculator

The calculator can perform four arithmetic operations of addition, subtraction, multiplication and division.

In the calculator interface, the user can directly input the figures for calculation. The figures and symbols are all displayed in the editing window.

10.8 Conversion tool

You can convert exchange rates and other measurement units through this menu.

60. 10.8.1 Exchange rate

Convert the currency of a certain amount to the equivalent in a different currency of many other countries or regions.

61. 10.8.2 Measures

The measures are mainly for unit conversion. Enter into the unit conversion window, select the contents to be set from the Selection Bar, press Select or touch the screen to enter

the editing window; the system will then automatically calculate the result converted.

10.9 Notepad

The Notepad is used for any simple description and memorandum. The Notepad file can be sent to other terminals by means of Email or Bluetooth. You may also import into or export from the Notepad.

11 My Favorite

11.1 All music

To go automatically into the Song List, enter the All Music option from the My Favorite main menu.

11.2 All pictures

To automatically go into the Image Picture, enter the All Pictures option from the My Favorite main menu.

Press the Menu key to enter the menu. Choose from the following menus: Photo, Video Shooting and Setting.

11.3 SD card files

Go into the file manager to access the SD card files. From here, you can manage the files stored in your SD card.

You can share, duplicate, move, rename, delete the files, or view the specific attributes of each file.

Click the Menu key in the list of files to enter the menu and choose from the following options:

Create: Create a folder.

Sorting order: Specify sorting order according to name, date, size or type.

Duplicate: Select one or several files and duplicate to any folder.

Move: Select one or several files and move to any folder.

Delete: Select one or several files.

Attributes: View the attributes of the SD card, and name, space used and available of the SD card.

11.4 Files from camera

This folder includes all photos and videos shot by the camera.

12 Connections

12.1 USB mode

USB mode: After connecting the phone to the PC, a prompt indicating “connected with a computer via USB on the phone” will appear. To duplicate files between the computer and SD card of the phone, please select ‘load’.

The PC end can now read the SD card and perform related operations.

12.2 Access to Internet via GPRS

With GPRS, the user can use the phone to send and receive data via mobile network.

GPRS is a data transmission technology which supports the user's wireless access to Internet data network.

The applications of transmission means based on GPRS include WAP, multimedia messages, short messages, Application downloading and GPRS dial-up program (such as Internet and Email).

To use GPRS, please follow these procedures:

1. To check if the GPRS service is available and how to apply to activate it, please contact your local service provider.
2. Please store necessary GPRS settings for each application of data transmission mode based on GPRS.

13 Other applications

13.1 Dictionary

The dictionary in this phone can translate English language into Chinese. You may find more details in the Internet for meanings and other translation.

13.2 Schedules

62. 13.2.1 Functional introduction

The schedules are mainly used to view the arrangement preset.

In the schedules, you can see the information of the current month. The date with an arrangement is marked with the color green. Click the date to view and edit the arrangement information.

63. 13.2.2 Schedules

In the schedules interface, click the menu and select schedules to list the recent arrangements.

Create: To add an arrangement, input the related information, set the reminding date and time, click Finish and save the settings.

Day: The schedules interface is displayed per day;

Week: The schedules interface is displayed per week;

Today: View today's arrangement.

Settings: For schedules view setup, allow hiding the activities. For reminding setup, allow to set warning, notice, tone, vibration and default reminding time.

13.3 Calendar

64. 13.3.1 Query of Solar Terms

Inquire about the Chinese 24 Solar Terms.

65. 13.3.2 Query of Holidays

Inquire about New Year's Day and other holiday information.

13.4 File reader

Allow to access the Office, PDF and TXT files in the storage card.

13.5 Games

There are five (5) exciting games included in your phone.

1.

CAUTION
RISK OF EXPLOSION IF BATTERY IS REPLACED
BY AN INCORRECT TYPE.
DISPOSE OF USED BATTERIES ACCORDING
TO THE INSTRUCTIONS

CAUTION
The connection to USB interfaces has to be limited to
USB 2.0 version or higher.
The connection to so called power USB is prohibited.

Turn WI-FI off in areas where WI-FI use is
prohibited or when it may cause interference or
danger, such as in airplanes while flying.

CAUTION
EXCESSIVE SOUND PRESSURE FROM EARPHONES
AND HEAD PHONES CAN
CAUSE HEARING LOSS

The adapter shall be installed near the equipment
and shall be easily accessible.

FCC statements:

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: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications or changes to this equipment. Such modifications or changes 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.

RF

The SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue. Device types HY2-3169BL (FCC ID: 2AFRUHY23169NE) has also been tested against this SAR limit.

The highest SAR value reported under this standard during product certification for use when properly worn on the body is 1.087 W/kg and for head is 0.421 W/kg. Simultaneous RF exposure is 1.271W/Kg.

. 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.