

# Phone user manual

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## Preface

**Thank you for choosing ASTRO 5.5 smart mobile phone!**

**ASTRO 5.5 is an Android intelligent mobile phone, it has the ultra-thin fashion appearance, it supports application software installation and unloading from Android electronic market, WLAN network connection, touch capacitive screen, high-pixels camera, high-quality audio and ultra HD video, etc. These will lead you into an entirely new and fascinating mobile internet world.**

**This manual systematically introduces many functions of ASTRO 5.5 mobile phone, tips and notes. Please carefully read it before using ASTRO 5.5.**

**The illustrations in this manual are only for reference, and their functions are based on the real product. The company reserves the right of final interpretation.**

## Basic Information

### 1. Safety Notice

If your phone is lost or stolen, please immediately inform the telecom department or commission agents of forbidding the use of SIM card, so that avoid the economic loss caused by false calling of others.

When you contact with telecom department or commission agents, they need to know your phone IMEI number (printed on the label on the back of the phone and can be found after taking down the battery). Please copy the number and keep it safe for future use.

In order to use the phone more safely, please adopt preventive measures, for example: set up the PIN code of SIM card, PIN code can prevent your SIM card from being used by others without permission. When leaving the car, please don't place the phone in a place easy to be seen, you had better to carry with you or lock in the suitcase.

### 2. Safety Alert and Cautions

Before using the phone, please read these cautions carefully so that make sure to use the phone correctly.

#### 2.1 General Cautions

On the plane, in the hospital and other places that forbidden to use the mobile phone, please turn off the phone; otherwise it may affect the normal operation of electronic equipments and medical instruments. Please comply with the relevant regulations if using the phone in these places,

Please strictly comply with the laws and regulations about the phone use in the driving place. If you use the phone while you are driving, please comply with the following rules: concentrate on driving, pay attention to the road conditions; if the phone has hands-free function, please make a phone call hands-free; if the driving conditions are not good, please stop the car, and then dial or receive a call.

When approaching the places that storing fuel, chemicals or explosives, and etc., please comply with the laws, regulations and the relevant signs.

Please place the phone, battery and charger in the place out of children's reach, for fear that the children use them as tools and cause personal injury.

Your phone only can use the batteries, chargers and other accessories specified by the company for fear that the phone is damaged. If using other batteries and chargers, it may cause liquid leaking, overheat, explosion, fire breakout and other failures of batteries.

Please don't use the phone close to weak signal or high precision electronic equipments. Wireless wave interference may cause the mis-operation of these electronic equipments.

The phone has the function of timely auto power-on, please check the auto power-on and shut down settings of the phone, so that confirm that the phone will not power on automatically during the flight.

Please don't strike, shake or sling the phone violently for fear that the phone is failed or fire breakout.

Please don't place the battery, the phone and the charger in the micro-wave oven or high-voltage equipment; otherwise may cause circuit damage or fire breakout and other accidents.

Please don't use the phone in the places with inflammable and explosive gas; otherwise may cause phone failure or fire hazard.

Please don't place the phone in the places with high temperature, high humidity or a large amount of dust; otherwise it may cause phone failure.

Please don't place the phone in the uneven or unstable place, prevent the phone from falling off and then cause failure or damage.

Please only use the original antenna or the antenna being approved by the company. Unapproved and modified antenna or the antenna with additional accessories may damage the phone. Please don't touch the antenna during a call. Touching the antenna may affect the call quality and make the phone power higher than the required power in normal use. In addition, using the unapproved antenna may violate the regulations in your country.

## **2.2 Cautions of Using the Phone**

Don't take down or modify the phone; otherwise it may cause the damage, leakage and circuit failure of the phone.

Please don't knock the LCD by force or use the LCD to knock other things; otherwise may cause the damage of liquid crystal plate and the leaking of liquid crystal. If liquid crystal enters the eyes, it may damage eyesight. At this time, please rinse the eyes immediately with clean water (don't rub the eyes), and see a doctor immediately.

In very rare cases, if the phone is used in some types of vehicles, it may have bad effect on the electronic equipments in the vehicle. At this time, please don't use the phone for fear of losing the safety guarantee.

If your vehicle is equipped with the air bag, please don't place the phone above the air bag or the area that can be touched after the air bag is swelled, for fear that the phone is applied very strong external force and cause serious damage on the vehicle owner when the air bag is swelled.

Please don't touch the key-stroke using needles, pen nibs and other sharp objects; otherwise it may damage the phone or cause mis-operation.

If the antenna is damaged, please don't use the phone; otherwise it may cause the personal injury.

Don't make the phone approach to the magnetic card and other magnetic objects too closely; radiation wave of the phone may clean out the information stored in the floppy disks, stored value cards and credit cards.

Please place the drawing pin and other small metal objects in the place that far from the headphone of the phone. The loudhailer is magnetic when it is working and will attract these small metal objects so that may cause personal injury or damage the phone.

Avoid phone damping, prevent water and other liquid from entering the phone, and then cause short circuit, leakage or other failures of the phone.

Please use the phone in the place that far from fixed telephone, TV, radio and office automation equipments, for fear that it may affect the using effects of these equipments and the phone.

## **2.3 Cautions of Using the Battery**

Please don't take down or modify the battery; otherwise it may cause liquid leaking, overheat, explosion or fire breakout of battery.

Don't throw the old battery into general life rubbish. Treat the battery according to the regulated indication in the place that definitely regulates the waste battery treatment.

Please don't throw the battery into the fire otherwise it may cause the fire breakout or explosion of the battery.

When installing the battery, don't apply pressure forcefully; otherwise it may cause liquid leaking, overheat, explosion or fire breakout of the battery.

Please don't make the battery short circuit using the electrical wire, needle and other metal objects; don't place the battery, necklace and other metal objects together; otherwise it may cause liquid leaking, overheat, explosion or fire breakout of the battery.

Please don't solder the battery contact; otherwise it may cause liquid leaking, overheat, explosion or fire breakout of the battery.

If battery liquid enter the eyes, it may damage eyesight; at this time, please don't rub the eyes using the hand, please rinse the eyes with clean water, and then see a doctor immediately.

Please don't use or place the battery near the fire or oven and other high temperature places; otherwise it may cause liquid leaking, overheat, explosion or fire breakout of the battery.

If the battery is increasing the temperature abnormally, color change, distortion and other phenomena during the using, charging or storing process, please stop using it and then change new battery.

If leaking liquid of the battery contacts with the skin and clothing, it may cause skin burn, please rinse it with clean water immediately, and see a doctor if necessary.

If the battery is leaking liquid or giving out strange odor, please take the battery away from open fire immediately, avoid fire breakout or explosion.

Please don't make the battery damp, otherwise it may cause overheat, smoking or corrosion of the battery.

Please don't use or place the battery under direct sunlight and other high temperature places, otherwise it may cause liquid leaking or overheat, reduce the performance and shorten the service life.

Please don't charge the battery continuously for more than 24 hours.

Please place the battery in the cool and ventilated place away from direct sunlight.

Service life of the battery is limited. Service time of the battery is gradually shortened after the frequent charging. If many times of charging is failed, it means that battery life is drained, please replace the new battery of designated type.

## **2.4 Cautions of Using the Charger**

Please don't take down or modify the charger; otherwise it may cause personal injury, electric shock, fire breakout or charger damage.

Please use 220V alternating current. Using other voltage may cause leakage, fire breakout and damage the phone and the charger.

Short circuit of the charger is forbidden; otherwise it may cause electric shock, smoking and charger damage.

Please don't use the charger when the power cord is damaged; otherwise it may cause fire breakout or electric shock.

Please clean the dirt that accumulates in the power socket in time.

Please don't place the water container, and etc. near the charger, for fear of water splashing and then cause short circuit, leakage or other failures.

If the charger contacts water or other liquid, please cut off power supply immediately, so that prevent short circuit, fire breakout, electric shock or charger failure.

Don't use the charger in the bathroom and other high humidity places; otherwise may cause electric shock, fire breakout or charger damage.

Please don't contact the charger, electrical wire and power socket with wet hands; otherwise it may cause electric shock.

Don't place heavy object on the power cord or reconstruct the electrical wire; otherwise may cause electric shock or fire breakout.

Please pull out the charger plug from power socket before the cleaning and maintenance.

Seize the charger when pulling the plug, pulling the power cord will damage the electrical wire, cause electric shock or fire breakout.

Don't charge in the following places: direct sunlight and other high temperature places; wet and ashy place or the place with large vibration (will cause failure); near TV, radio and other home appliances (will affect the image and sound effects).

## **2.5 Security Password**

### **2.5.1 PIN**

PIN (Personal Identification Number) is used to prevent your SIM card from being used illegally. PIN is usually provided with SIM card together. If you input wrong PIN for continuous three times, please input PUK to unlock it. Please contact with network operations company for more details.

### **2.5.2 PIN 2**

You need to input PIN2 when entering some functions (such as call charge); if you input wrong PIN2 for continuous three times, you need to input PUK2 to unlock it. Please contact with network operations company for more details.

### **2.5.3 PUK**

When changing the locked PIN, you need to input PUK (Personal Unlock Key). PUK is provided with SIM card together. If it is not provided, please contact with your service provider. If you input wrong PUK for continuous ten times, the SIM card can't be used again. Please contact with your service provider to buy a new card. You can't change PUK. If you lose the code, please contact with your service provider.

### **2.5.3 PUK2**

When changing the locked PIN2, you need to input PUK2. If you input wrong PUK2 for continuous ten times, you can't use the functions that need PIN2. Please contact with your service provider to buy new card. You can't change PUK 2. If you lose the code, please contact with your service provider.

## **2.6 Cleaning and Maintenance**

Please don't use the phone, the battery and the charger in the bathroom and other high humidity places, and prevent them from rain.

Please clean the phone, the battery and the charger by using soft and dry cloth.

Please don't wipe the phone by using alcohol, thinner or benzene and other chemical reagents.

The socket with dirt may cause poor contact and power-off, so that it can't be charged, please clean it regularly.













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## □. Safety Precautions

Before using a mobile phone, please read and observe the following rules.

	<p>While driving or answering a call, please use an earphone or stop your car.</p>		<p>Mobile phone interferes with aircraft communication, please ensure that mobile phone power off during the entire flight.</p>
	<p>All mobile phones may be disturbed, and affect their performance.</p>		<p>Please don't use mobile phone and turn off your phone where medical equipments exist.</p>
	<p>To ensure the best performance or avoid damage to mobile phone, please use the original accessories and batteries.</p>		<p>At the gas station and close to the fuel and chemicals and other dangerous goods, please power off your mobile phone to avoid explosion.</p>
	<p>To avoid interference of the blasting operation, In the scene of the explosion or post "Turn off the radio" icon in the local, please power off your mobile phone.</p>		<p>Please don't burn batteries as ordinary garbage, to avoid the risk of life and damage to the environments. Please abide by the local environmental policy, timely deal with or recycle the waste batteries.</p>
	<p>Before your mobile phone is connect with another equipment, please read carefully this manual to ensure safety.</p>		<p>Some small articles (such as T-Flash card, etc.) should be placed out of children reach, to prevent children swallowing or other hazard.</p>
	<p>Please backup the important information or keep a written record, to prevent its loss.</p>		<p>When sending an emergency call, please ensure your mobile phone power on and in a service area, inform your position, without permission, please don't end this call.</p>



## □. Before Use

### 1. Install and Unload SIM Card

#### 1.1 About SIM Card

Before using the phone, you must insert valid SIM (Subscriber Identity Module) card in the phone. SIM card provided by network supplier.

All the information related to network connection are recorded in the chip of SIM card, also the names, telephone numbers and SMS that storing in the name card holder of SIM card. You can take out SIM card from your phone, and use it in any GSM mobile phone (new mobile phone can read SIM card automatically).

In order to avoid losing or damaging the information saves in SIM card, please don't touch the metal contact surface, and place SIM card in the place that away from electricity and magnetic force. Once SIM card is damaged, you can't use the phone normally.

**Prompt:** Please make sure to power off the phone before taking out SIM card. It is absolutely forbidden to insert or take out SIM card with external power supply; otherwise it may damage SIM card and the phone.

#### 1.2 Insert and Unload SIM Card

Metal contact surface of SIM card is easily scratched. You must take out SIM card carefully before the assembly.

Power off the phone, remove the rear cover, battery or other external power supply.

Make the end of SIM card without cutting angle inside and aim at the card slot of the phone and metal surface of SIM card face downward, then insert SIM card to the card slot of the phone, the other SIM card is also inserted in this way.

When taking out SIM card, directly pull it outward and then can take out SIM card.

**Prompt:** Without special explanation inserting two SIM cards are defaulted in the manual. If you just insert one SIM card, maybe some options of the menu will not be shown.

### 2. T-Flash Card

Aim at the T card slot and push the T card gently, and the card will be inserted correctly.

**Prompt:** If the memory card is failed, please check whether it is correctly placed and good contact of metal point.

### 3. Install and Unload Battery

Take off the rear cover of the mobile.

Make one end of battery with metal surface aim at the battery connector.

Then gently press the battery downward using the finger, and then press the other end to install the battery.

**Prompt:** Please operate correctly to avoid damaging the battery connector.

### 4. Charging

#### 4.1 Charger

Insert the charger on the charging interface at the top of the phone. After inserting the charging plug, battery strength icon stripe at the top right corner of the screen is scrolling, which means that the

charging is processing; when the stripe is full of the whole icon and stop scrolling, which means that the battery charging is completed; when the charging is completed, please pull out the plug.

When electric quantity is not enough, warning message will be sent; and electric quantity shows empty. When electric quantity is too low, the phone will power off automatically. Please don't make the battery in the status of not enough electric quantity for a long time; otherwise it may damage the battery quality and service life. Please don't charge the battery for a long time.

**Prompt:** *In order to ensure normal operation of the phone, please make sure to use the designated charger.*

## 4.2 USB disk Identification

After USB disk is inserted, you can deal with data in USB disk after its light is on. Please refer to "File Manager" for the usage of USB Disk.

**Prompt:** *It is forbidden to remove USB disk when data in USB disk is being copied, transferred or deleted to prevent data damage.*

## 4.3 Transferring Data With Computer

### 4.3.1 Install USB

Connect mobile phone to a computer with a USB cable, drag out the notification bar. Touch "USB Connected", choose and click "USB storage", then on the computer, you can view data in Device and SD Card storage. So data transferring can be performed between this device and the computer.

### 4.3.2 Disconnect USB

After data is mounted onto the computer, you can drag out the notification bar, touch to turn Off "USB Storage", and then disconnect with USB link.

**Prompt:** *It is forbidden to disconnect USB link during transferring data, because it can lead to data loss or damage.*

## □. Quick User Guide

The phone has not only the basic functions of mobile phone, but also support rich, practical and rapid feature functions, can be briefly introduced as follows:

### 1. Power On/Off

In the power-off mode, long press **[Power]** key, it will power on; otherwise. In the power-on, long press **[Power]** key, and choose **Power off**, it will power off. If you set up SIM lock or phone lock, please input the code according to the requirements.

In any other interface, short press this button to lock the screen.

**Warning:** *As mobile phone can cause interference and dangerous where you are prohibited to use mobile phone, please power off your mobile phone.*

## 2. Turn On /Off Screen

### 2.1 Turn Off Screen

Please short press [Power] to turn off the screen to save power.

**Prompt:** *To save power, you can also set screen timeout time in Display Settings, when the timeout time is up, without any operation during the standby time, the screen will shut off automatically.*

### 2.2 Turn On Screen

When the screen is off, please short press **[Power]** to wake up the screen.

## 3. Lock and Unlock

### 3.1 Lock

Please press **[Power]** to lock this screen to prevent some unexpected operations.

**Prompt:** *If screen timeout time is set in system settings, this computer will turn off and lock its screen during the standby time if it is idle.*

### 3.2 Unlock






After the screen is off, please press **[Power]** to wake up the screen, and then drag the slider rightwards to the green ball to unlock the screen.

**Prompt:** *Drag the slider downwards to the white ball to switch between Sound and Vibrate state.*

## 4. Switch desktops

In the idle mode, you can slide on the screen to switch between the 1st~5th screens.

## 5. Hot Buttons

On the shortcut bar, to touch  button enters Dialer interface; to touch  button enters Contacts interface; to touch  button enters Messaging interface; to touch  button enters Explorer interface; to touch  button enters Main Menu.


## 6. Desktop Menu

On the desktop, press [Menu] key, you can display options, including: **Widgets, Wallpapers, System setting** etc. Touch and choose one, you can operate the corresponding functions.

## 7. Main Menu

In Main Menu interface, you can slide the screen left and right to browse all the applications. Touch and choose one, you can enter and run this application.

## 8. Move Applications

Choose a desktop, touch  button to enter Main Menu, long press an application, drag it onto the free area of the desktop, you can create this application shortcut on the current desktop. By this way, you can create any favorite application shortcut onto the screens.

**Prompt:** Before creating an application shortcut, you ensure that there is free space to place this App. on this desktop.

## 9. Delete Applications

On the current desktop, long press an application shortcut, drag it onto "Deleting" on the top of the screen, you can delete this application shortcut from the current desktop.

## 10. Notification Bar

On any interface, drag the screen downward from the top, you can display Notification bar; then drag the screen upward from the bottom, you can hide the notification bar.

You can operate the following on Notification bar:

### 10.1 SIM Card Info.

You can view the operator information of SIM 1 and SIM 2 on Notification bar.

### 10.2 Running App.

You can view the running applications on Notification bar.


**Tips:** In any interface, long press **【Home】**, it displays the pop-up box of "Recent Apps and Running Apps". Touch the option of "Recent Apps", you can view the recently running applications, choose and click one, you can enter directly this application; Touch "Running Apps" to view the currently running applications, click one to kill it from progress.

### 10.3 USB Status

You can view USB connection state.

### 10.4 View Notifications

After dragging downward Notification bar, you can view the notifications of new SMS & Call & Email, etc., touch an option to enter its view interface.

On notification interface, touch  button, you can clear the notifications of SMS & MMS & Email & Missed Calls & WLAN & Bluetooth.

**Tips:** After touching  button, you can't clear the notifications of the running applications.

## 11. Status Bar

On the LCD top of the idle interface, it is Status Bar. You can't operate the status bar, it displays some relevant information, including: WLAN, Bluetooth, Battery power, System time, etc.

## 12. Add to Home Screen

On the desktop, long press white space, you can display “Main Screen”, and then operate the following: **Contacts, Folder, Widgets, Shortcuts, Wallpaper.**

## 13. Bluetooth Connection

This device supports Bluetooth 2.0, you can listen to music with Bluetooth earphone. About Bluetooth settings and operations, please refer to the section of Bluetooth in System Settings.

*Prompt: Bluetooth function and operations are based on the real product.*

## 14. WLAN Connection

This device supports “Wi-Fi 802.11 b/g/n”. You can access to the local network through WiFi. About WiFi settings and operations, please refer to the WiFi section in System Settings.

## 15. Input Methods

This mobile phone is embedded one input method, “**TouchPad Keyboard**”.

Long press any input field to display the pop-up box of “Edit Text”, you can input word. You can change and use any one input method, if there are more than one input method in the phone. In system settings, you can set Input languages, it supports various languages input.

## 16. Description of Keys

Key	Function
[ Menu ] Button	Short press to display options box.
[ Home ] Button	Short press to return to the desktop. Long press to view the latest task.
[ Back ] Button	Press to return to the upper layer.
[ Volume ] Key	Press [Volume+] to turn the call voice louder; press [Volume-] to turn lower.
[ Power ] Key	Long press [Power] key to power on or off mobile phone.
	Short press [Power] key to end a call when a call is talking. Or make the calling tune mute when a call is coming.
	Short press [Power] key to turn off & lock the screen in any interface. Press again to lighten screen.

## □. Basic Functions

### 1. Dialer Interface

In the idle mode, click  to enter Dialer interface.

## 2. Dial a Call

### 2.1. Calls Category

#### 2.1.1. Emergency Call

You can directly dial an emergency service call without SIM card.

Different network uses different emergency numbers, please consult your network operations company for more details.

#### 2.1.2. Domestic Call

Enter a phone number, choose **SIM1** or **SIM2** to make a call by SIM1 or SIM2. If you're making a long-distance call, please add the area code before the telephone number.

#### 2.1.3. Extension Dial

After entering a telephone number, press **[Menu]** to perform the following operations:

- **Add 2-Sec Pause:** Enter the host number, click "Add 2-Sec Pause", then enter extension number, choose **SIM1** or **SIM2**, after dialing the host number, pause for two seconds to dial the extension number.
- **Add Wait:** Enter the host number, click "Add Wait", then enter extension number, choose **SIM1** or **SIM2** after dialing the host number, pause for the waiting time to dial the extension number.

#### 2.1.4. International call

Enter country code & area code (usually area code without "0") & telephone number, choose **SIM1** or **SIM2** to make an international call by SIM1 or SIM2.

#### 2.1.5. Dial Contacts Number

After entering Contacts list, choose a contact, choose **SIM1** or **SIM2** to make a call by SIM1 or SIM2.

#### 2.1.6. Dial Call-log Number

After entering Call Log, choose a call record, click , then choose **SIM1** or **SIM2** to make a call by SIM1 or SIM2.

### 2.2. Answer a Call

When an incoming call arrives, the phone will give out the corresponding prompt (such as vibration, ringtone, and etc.); if network support, the phone screen will show the name and telephone number of

the caller, choose , answer this call.

### 2.3. Refuse a Call

When a call is coming in, choose , refuse this call.

### 2.4. End a Call

After finishing a call, click  to end this call.

### 2.5. Call Operation

During a call, touch screen to operate the following: 

- **On hold:** To hold this call.

- **Add Call:** To enter a phone number, add another call.
- **Speaker:** To switch call voice to Speaker; click it again to switch call voice to Receiver.
- **Dial pad:** To display Dialpad interface.
- **Mute:** To set this call mute.

When calling, Short press [ **Menu** ] **Button**, record this call.

**End Call:** touch  to end call.

### 3. Contacts

This function could help you browse the name card holder, store, edit and delete the names and phone numbers in the phone and SIM card. In contacts list, click “Contacts” or “Call log” or “Favorites”, it switches among Contacts & Call log & Favorites.

#### 3.1. Contacts List

In contacts list, press [ **Menu** ] button, perform the following functions:

##### 3.1.1. Search

Search contacts by key words stored in phone and SIM cards.

##### 3.1.2. Contacts to display

Set contact list display style: **All Contacts with phone numbers**, or All contacts with **SIM1 Card/SIM2 Card, Phone, Customize**.

##### 3.1.3. Import/export:

Import/ Export contacts from SD card, SIM1 or SIM2. Share visible contacts by Bluetooth or Email or Messaging.

##### 3.1.4. Accounts:

Set Accounts & Sync Settings, and Manage Accounts.

##### 3.1.5. Settings

Set Display Options, include **Sort list by, View contact names as**.

##### 3.1.6. Send contacts by sms/mms

Select contacts send by sms or mms.

##### 3.1.7. Delete contact

Delete one or some or all contacts.


#### 3.2. Contacts View

On contacts view interface, press [ **Menu** ], perform the following functions: **Edit, Copy, Share, Delete, Add to blacklist, Set ringtone, All calls to voicemail, Place on Home screen**.

##### 3.2.1. Dial Contact number

On contacts view interface, click it and dial this contact phone number by SIM1 or SIM2.

##### 3.2.2. Send Message

On contacts view interface, click , enter message edit interface, input message content, send a message to this contact's phone number by SIM1 or SIM2.

## 4. Call log

Enter Call log.


### 4.1. Call log list

After entering Call log, it displays all call records. Choose and touch one of call records, enter its details. Click [ **Menu** ], choose “Delete” to operate the following:

#### 4.1.1. Delete

On call-log interface, Click [ **Menu** ], choose “Delete”,delete one or some or all records.

### 4.2. Call log Details

On call record details, click one call record number by SIM1 or SIM2. Click , enter message edit interface, input message content, send a message to this contact’s phone number by SIM1 or SIM2. Click “Add to contacts”, add to contacts.


### 4.3. Call Classification

Click “Call Log”, enter call records list. Click “All” or “Missed” or “Outgoing” or “Received” to switch into the corresponding interface. Press [ **Menu** ] to display options menu“Delete”, delete one or some or all records.

## 5. Messaging

On Main menu interface, enter “Messaging”.

### 5.1. Messaging List

On messaging list, touch  to enter message edit interface. Touch a message to enter its view.

#### 5.1.1. Options menu

On messaging list, press [ **Menu** ] to display options menu, operate the following:

- ✧ **Settings:** Set Messaging settings, include SMS Enabled Text message(SMS) settings, Multimedia message (MMS) settings, Notification settings, General setting.
- ✧ **Delete all threads:** Delete all messages.
- ✧ **Wappush messages:**enter wappush messages interface.

### 5.2. Messaging View

On messaging list, touch a message to enter its content interface. On message view, press [ **Menu** ] to display options menu, operate the following:**Select message, Video Call, Insert quick text, Insert contact, Add subject, Chat settings.**

## 6. Browser

On Main menu, enter and run Browser, access to the website.

Press [ **Menu** ] to display options menu, operate the following:

- ✧ **Stop:** Stop webpage.
- ✧ **Refresh:** Refresh webpage.
- ✧ **More:** Include **Homepage, Bookmarks, Save to bookmarks, Share page, Find on page, Request desktop site, Save for offline reading, Close other tabs, history, Settings.**



## 7. Google Search

On Main menu, access to Google Search. You can locally search for the information you need.

## 8. Email

On Main menu, enter Email. You can use (this device) it to receive or send your Email anywhere or at any time.

*Note: E-mail can be used normally when the wireless network is well connected.*

### 8.1. Create Account

When entering Email for the first time, it will directly enter new account edit interface, input Email address, password, choose the corresponding parameters of POP3, IMAP & Exchange Server, then touch **[Next]**, through POP3 and SMTP server detection, complete Email account creation.

### 8.2. Accounts List

After creating accounts, access to accounts list. Click "Inbox", view all the mails of the accounts;

Click "Starred", view all the starred mails; Click  , access to the Mailbox list of the current account.

### 8.3. Inbox

On accounts list, click an account, and enter its inbox.

#### 8.3.1. Options menu

On inbox interface, press **[ Menu ]** to display options menu, operate the following: **Refresh, Settings.**

#### 8.3.2. Long Press Menu

In the inbox list, long press an email, display options menu, operate the following: **Delete, Mark as unread, etc.**


### 8.4. View Email

In the inbox list, click an email, and enter its view interface.

On mail view interface, slide the screen up and down to view its content. Touch **[ Save ]** button to save the attachment; Touch **[ Reply ]** button to reply to the sender; touch **[ Delete ]** button to delete the mail.

On mail view interface, press **[ Menu ]** to display options menu, operate the following: **Settings.**

### 8.5. Compose

In the mails list, click  , enter mail edit interface. Input recipient & Title & content, touch **[ Send ]** button to send this mail, or touch **[Save as draft ]** to save it as a draft, touch **[ Discard ]** to give up editing.





On mail edit interface, press **[ Menu ]** , display options menu, operate the following: **Add Cc/Bcc, Save draft, Discard, Attach file, Settings, Insert quick response.**

*Prompt: The capacity of attachment should be less than 5M*

## 9. Music

Music player supports various audio formats, including: Midi, MP3, amr and wav, etc.

### 9.1. Play Interface

On the play interface, when there are songs in the playlist, touch  to play; touch  to pause. Drag the slider from left to right to fast-forward or rewind. Touch   to play the previous or the next song. Press **[Volume] key** to adjust the volume. Press **[ Menu ]**, operate the following:

- ✧ **Library:** Access to songs library.
- ✧ **Party Shuffle:** Set Party Shuffle on or off.
- ✧ **Add to Playlist:** Add the current song into playlist.
- ✧ **Use as Ringtone:** Set the current song as phone ringtone.
- ✧ **Delete:** Delete the current song from T-flash Card.
- ✧ **Equalizer:** Open equalizer and set.

### 9.2. Music library

Music library contains “Artists”, “Albums”, “Songs”, “Playlist”, etc. Touch a song in music library, it will start playing.

## 10. Gallery





On Main menu, enter Gallery. Touch  to switch into Camera interface.

Press **[ Menu ]**, operate the following: **Select album.**

In the folders list, choose and touch a photo folder to enter, slide from left to right to view pictures list. Touch a picture or photo to enter its view.

In the photo view interface, press **[ Menu ]**, operate the following: **Slideshow, Edit, Delete,Crop,etc.**




## 11. Moive Studio

Enter Moive Studio, in the folders list, choose and touch a video folder to enter, slide from left to right to view videos list. Touch a video and choose a kind of play way, it starts to play this video. Touch  to play; touch  to pause. Drag the slider from left to right to fast-forward or rewind. Touch   to play the previous or the next video. Press **[Volume] key** to adjust the volume.

## 12. Camera

On Main menu, enter Camera.

### 12.1. Camera









On the preview interface, touch  to take photos. Touch  to swith between back and front camera. Slide leftside or rightside to switch between Camera and Video recorder, Touch the photo preview window to preview the photos. Touch  to display the parameters box.

### 12.2. Video Recorder

On the preview interface, touch  begin to camcorder; touch  to stop.

### 13. FM Radio

On Main menu, enter FM Radio interface. Wear your earpieces of radio before searching for channels then you can listen to FM radio freely.

On FM Radio interface, touch  to turn on/off FM radio; touch  to display the list of FM radio channels. You can select to play one of them. (The list can contain 20 channels maximum); touch  and select Search to automatically search for channels and generate the list of channels; touch  and select Speaker/Earphone to use the radio speaker or earphone. touch   to adjust the frequency by decreasing or increasing 0.1MHz; touch   to switch to the previous or the next channel among the available channels list.

***Prompt:** Please connect with the earphone before you listen to the radio, for the device is equal to radio antenna. When the battery of your cell is insufficient, you may not run FM Radio.*

### 14. Sound Recorder

On Main menu, enter Sound Recorder. The format of recording files is \*.3gpp. The recording length depends on the size of phone storage or SD card.

Touch  to record, touch  to stop recording.

### 15. File Explorer


On Main menu, enter File Explorer.

The file manager is composed of phone storage and SD card, while phone storage is the memory of the phone, and SD card is the external SD card. In the file manager, files can be searched rapid, deleted or edited in each card and new files can be created

### 16. ToDo

With ToDo application, you can write down scheduled notice and set deadline data. You can review your schedules and carry out your schedules more convenient.

### 17. Clock

After entering Clock, , you can set **Alarm, World Time, Timer, Stopwatch.**

## 18. Calendar

On Main menu, enter Calendar. Calendar allows you to view your schedules and events at any time. You may view schedules one by one or several ones at the same time.

Select to show calendar by day, week or month. If “by week (or month)”, the calendar will be shown by week (or month). This application is convenient for you to view schedule or add events.

On the Calendar interface, press [ **Menu** ] to display option menu, perform the following: **New event, Refresh, Search, Calendars to display, Settings, etc.**

## 19. Calculator

On Main menu, enter Calculator. It supports four arithmetic operations such as “+”, “-”, “x” and “/”. Slide the screen to switch into functional operation, e.g. Sin, Cos, Tan, Ln, Log,!,  $\pi$ , e, ^, etc.

## 20. Settings

In settings, you can perform as below:

### 20.1. WIRELESS & NETWORKS

**20.1.1. SIM management:** You can make the settings of SIM cards.

#### 20.1.2. WLAN

✧ **WLAN:** Touch “WLAN” to switch between “On” and “Off”.

*Note:* Please turn off WLAN to save power when not using.

Press [ **Menu** ] to display option menu, perform the following:

✧ **Trusted AP:** View the trusted AP and priority.

✧ **Scan:** Scan again.

✧ **WPS Pin Entry:** Enter **pin** on your WLAN router.

✧ **Advanced:** Including Network notification, Keep WLAN on during sleep, Avoid poor connections, MAC address, IP address.

#### 20.1.3. Bluetooth

✧ **Bluetooth:** Touch “Bluetooth” to switch between “On” or “Off”.

*Note:* To save power, please turn off Bluetooth when not using.

Press [ **Menu** ] to display option menu, perform the following:

✧ **Rename phone:** It displays the factory device name, touch this item to edit its name.

✧ **Visibility timeout:** Set how long device will be discoverable.

✧ **Show received files:** Show bluetooth received files.

#### 20.1.4. Data usage

Show the detail of theoretical uplink rate, uplink rate, theoretical downlink rate, downlink rate.

You also can turn on or off Mobile data, and set mobile data limit.

#### 20.1.5. More

✧ **Airplane mode**

Touch “Airplane Mode” to switch between “On” and “Off”. If Airplane mode is On, all the wireless networks will be disconnected automatically in this mode.

**Warning:** Even if airplane mode is activated, it is forbidden to use (on) in plane or in some *special labs or under hospital equipments, other special environments, etc., so as to prevent the*

*intervention of electronic equipments to the communication or this device, you are advised to power off this device in such environments.*

✧ **Default SMS app**

Set default messaging.

✧ **Tethering & portable hotspot**

Share your phone's mobile data connection via USB or as a portable Wi-Fi hotspot.

✧ **VPN**

In VPN settings, you can add a new VPN, set VPN server, enable Encryption, DNS search domains, etc.

After adding a new VPN, touch it in the VPNs list, and you can connect it to network.

✧ **Mobile Networks**

In Mobile Networks, you can set Data enabled or Data Roaming or Access Point Names or Network Operators.

➤ **Data connection:** Activate or disable data access over Mobile network.

➤ **Preferred network:** Choose preferred network.

➤ **Preferred network type:** Choose preferred network mode.

➤ **Access Point Names:** Choose Access Point Names.

➤ **Network Operators:** Search networks by hand or automatically.

## **20.2. Device**

### **20.2.1. Audio Profiles**

In sound settings, you can set calling mode, e.g. General, Silent, Vibration, Outdoor, and you can edit General & Outdoor mode. Also you can defined audio profiles.

### **20.2.2. Display**

In display settings, you can perform such operations as below:

✧ **Brightness**

The screen brightness can be adjusted manually.

✧ **Wallpaper**

Choose wallpaper from Air Wallpaper, ES File Explorer, Gallery or Live Wallpapers.

✧ **Auto-Rotate Screen**

Set Auto-Rotate Screen on or off.

✧ **Sleep**

To save power, you can set the sleep time of screen, such as 15s, 30s, 1 min, 2 min, 10 min, 30 min, etc.

✧ **Daydream**

You can set font with dream.

✧ **Font size**

You can set font size as Small, Normal or Large.

### **20.2.3. Storage**

✧ **Default Write Disk**

Phone storage/SD Card:Change the preferred installation location for new apps

✧ **Internal Storage**

Show Total space.

**Note:** *If you format Local disk, it will erase all the data in Local disk, please be prudential to use*

*this feature*

#### ✧ **SD Card**

Show Total space. You can unmount SD card, Erase SD card.

**Note:** *If you erase SD card, it will erase all the data in SD card, please be prudential to use this feature.*

#### ✧ **Phone Storage**

Show Total space. You can unmount Phone storage, Erase Phone storage.

### **20.2.4. Battery**

Show the battery using detail.

### **20.2.5. Apps**

Show the detail about DOWNLOADER, ON SD CARD, RUNNING, ALL

## **20.3. Personal**

### **20.3.1. Security**

- ✧ **SCREEN SECURITY:** Set Screen lock, Owner info.
- ✧ **SIM CARD LOCK:** Set up SIM card lock.
- ✧ **PASSWORDS:** Make passwords visible.
- ✧ **DEVICE ADMINISTRATION:** Set Device administrators, Unknown sources.
- ✧ **CREDENTIAL STORAGE:** Set Trusted credentials, Install from SD card, Clear credentials.

### **20.3.2. Location**

- ✧ **Access to my location:** Let apps that have asked your permission use your location information.
- ✧ **LOCATION SERVICES:** Let apps use Google's location service to estimate your location faster.

### **20.3.3. Language & input**

#### ✧ **Language settings**

You can select language, the default language is English. Also you can set Spell checker, Personal dictionary.

#### ✧ **Keyboard & input methods**

You can set default keyboard.

#### ✧ **Mouse/Trackpad**

You can set Pointer speed.

### **20.3.4. Backup & reset**

#### ✧ **Backup & restore**

You can back up app data, WLAN passwords, and other settings to Google servers.

#### ✧ **Personal Data**

Reset DRM and restore factory settings to clear all personal data on your phone.

**Note:** *Perform factory data reset, it will clear user data in mobile phone, please be prudential to use this feature.*

## **20.4. Accounts**

### **20.4.1. Add account**

You can add or delete sync accounts.

## **20.5. System**

### **20.5.1. Date & Time**

You can set **Automatic date & time**, **Automatic time zone**, **date**, **time**, and **selete time zone**,

**Use 24-hour format, Choose date format.**

#### **20.5.2. Scheduled power on & off**

You can set the time to turn on or off your phone.

#### **20.5.3. Printing**

This phone support printing information.

#### **20.5.4. Accessibility**

Manage accessibility options.

***Note:** This feature is based on the real product.*

#### **20.5.5. About Phone**

You can choose **System updates**, and you can check the **Status, Legal information, Model number, Android version, Kernel version, Build number, Hardware version.**

<p>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.</p>
<p><b>CAUTION:</b> Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.</p>
<p><b>NOTE:</b> 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.</p> <p>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.</p> <p>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:</p> <ul style="list-style-type: none"> <li>-- Reorient or relocate the receiving antenna.</li> <li>-- Increase the separation between the equipment and receiver.</li> <li>-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.</li> <li>-- Consult the dealer or an experienced radio/TV technician for help.</li> </ul>
<p>This device has been tested and meets the FCC RF exposure guidelines.  The highest reported SAR values for head, body-worn accessory, simultaneous transmission conditions are  0.203W/kg(1g), 0.765W/kg(1g), 0.916W/kg(1g) respectively.</p>
<p><b>WARNING!!</b> Read this information before using your phone</p> <p>In August 1986 the Federal Communications Commission (FCC) of the United States with its action in Report and Order FCC 96-326 adopted an updated safety standard for human exposure to radio frequency (RF) electromagnetic energy emitted by FCC regulated transmitters. Those guidelines are consistent with the safety standard previously set by both U.S. and international standards bodies. The design of this phone complies with the FCC guidelines and these international standards. Use only the supplied or an approved antenna. Unauthorized antennas modifications, or attachments could impair call quality, damage the phone, or result in violation of FCC regulations. Do not use the phone with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result. Please contact your local dealer for replacement antenna.</p> <p><b>BODY-WORN OPERATION:</b></p> <p>This device was tested for typical body-worn operations with the back of the phone kept 1.0cm from the body. To comply with FCC RF exposure requirements, a minimum separation distance of 1.0cm must be maintained</p>



<p>between the user's body and the back of the phone, including the antenna, whether extended or retracted. Third-party belt-clips, holsters and similar accessories containing metallic components shall not be used. Body-worn accessories that cannot maintain 1.0cm separation distance between the user's body and the back of the phone, and have not been tested for typical body-worn operations may not comply with FCC RF exposure limits and should be avoided.</p>
<p>For more information about RF exposure, please visit the FCC website at <a href="http://www.fcc.gov">www.fcc.gov</a></p> <p>Your wireless handheld portable telephone is a low power radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals. In August, 1996, the Federal Communications Commissions (FCC) adopted RF exposure guidelines with safety levels for hand-held wireless phones. Those guidelines are consistent with the safety standards previously set by both U.S. and international standards bodies:</p> <p>&lt;ANSIC95.1&gt; (1992) / &lt;NCRP Report 86&gt; (1986) / &lt;ICIMIRP&gt; (1996)</p> <p>Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the ANSI Standard (C95.1). Nevertheless, we recommend that you use a hands-free kit with your phone (such as an earpiece or headset) to avoid potential exposure to RF energy. The design of your phone complies with the FCC guidelines (and those standards).</p> <p>Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and may violate FCC regulations.</p>