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1.Overview

1.1 SIM Cards

The SIM (Subscriber Identification Module) cards contain the phone number and important information of services. It also may store a phone book and personal information.

SIM Card Installation Procedure

1. Open the back cover, remove the battery;
2. Insert the SIM card into the slot;
3. Installing the battery and back cover.

PIN and PUK

PIN is an identification code that is provided with the SIM card. You are protected by the PIN from unauthorized use of your SIM card. After initiating the PIN protection, you are required to enter the PIN every time switching on the phone. After three consecutive incorrect PIN code entries, the SIM card is blocked. Nobody can then access the data in the card or use its services.

When the SIM card is locked, a PUK (Personal Unlock Key) is required to unlock it. Ten consecutive incorrect PUK entries will cause permanent lockup of the SIM card. The PUK is

usually provided with the SIM card. If you have lost your PUK or it's not provided, contact your service provider.

1.2 Storage Card

A storage card can be plugged into your phone to expand the storage capacity.

Install and remove the SD card, you need to remove the back cover, remove the battery, open the SD card slot, place or remove the SD card, and then fasten the card slot.

1.3 Accessories

ID	Item	Description
1	Battery charger	Charging batteries.
2	Stereo earphone	Stereo output, the Send key can be used to pick up a call.
3	USB cable	Synchronizing with PC; charging batteries Note: It's not a recommended way. A battery charger is preferred.

1.4 The Battery

Battery use

- Your phone is powered by a battery which has a limited life. When a

battery has a significant decrease of working time, replace it.

- Switch off your phone before removing the battery.
- Do not leave the battery on the charger for too long, since it may reduce the battery's life.
- Excessively high or low temperature will have impact on the charging capability. Maintain its working temperature at 0~45°C.
- Do not use the battery for other purposes; do not discard it in fire or in water.
- Do not try to disassemble or fix a battery. Choose the certificated or approved batteries by the manufacturer.
- Avoid short circuit. Do not use damaged chargers or batteries.
- Hot or cold weather will decrease the battery's capacity and life.
Excessively high or low temperature may result temporary system halt, even though the battery is full.
- Dispose used batteries properly. Do not throw them into a dustbin.

Battery Charge Level

1. See the battery icon on Status bar, the icon indicates the battery level.

2. To check the details charge status, select “Launcher” -> “Settings”->”About phone”; tap “Status”.

2.Basic Functions

2.1 Switching On/Off

To switch on your phone, press and hold the Power On/Off key for a couple of seconds.

Press and hold the power on/off key for a couple of seconds will pop-up Phone options, hit Power off, pop-up tip, hit OK to shutdown.

2.2 Open and close screen

Close screen:

You can press the power button to turn off the screen to save power and prevent misuse hit.

Notes: To save battery power, extend battery life, you can set the screen automatically locks the delay time before, Home screen—touch the Launcher

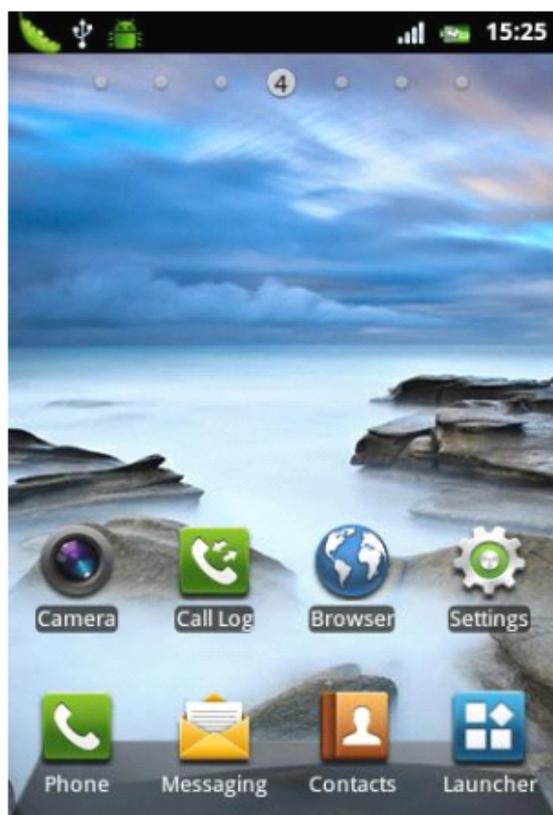
icon—settings—Display—screen timeout.

2.3 Set lock and unlock

To prevent accidental operation, you can lock the device and screen.

Main Screen

After the phone is on, the Home screens shows. Touch to select your option.



Note All the figures in the manual are for reference only. They may be different from the actual display on your phone.

2.4 The Status Bar

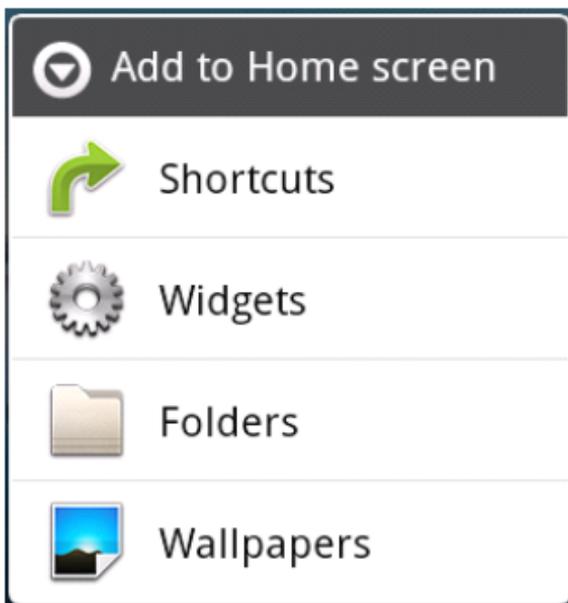
Icons in the status bar are displayed for working status, including battery charge level, signal strength, GPRS and Bluetooth. They're listed below:

Icon	Description
	Indicates the battery is fully charged.
	Indicates the battery is very low.
	Battery charging.
	No SIM card.
	Airplane mode
	WLAN is open
	WLAN connected.
	Bluetooth enabled.
	Bluetooth voice gateway.
	Send file with Bluetooth
	Receive file with Bluetooth
	Signal strength
	WCDMA 3G is available.
	WCDMA 3G is connected
	GSM is available.

	GSM is connected
	EDGE is available.
	EDGE is connected
	USB is connected
	SD card is remove
	Clock is open
	Unread message.
	New Email
	Music is playing
	Talking

2.5 Add/Delete Shortcuts

Long press the screen until pop-up the Add home screen tip, you can add a new shortcut, small parts or application shortcut icons, you can also change wallpaper.



Select a shortcut icon, long press the screen until the shock, and then drag the shortcut icon to the recycling box to delete the shortcut.

2.6 Input Method

In any edit interface you can input with android keyboard

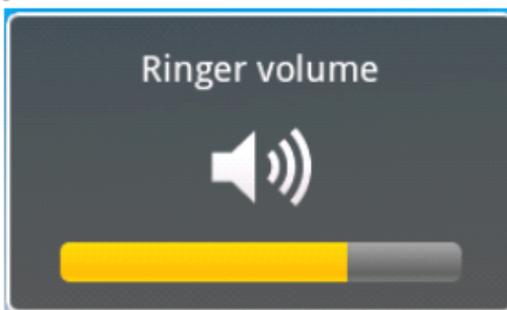
Notes: ·You can click the toggle button to switch to digital signs and symbols digital input mode.

·Click the toggle button to switch case.



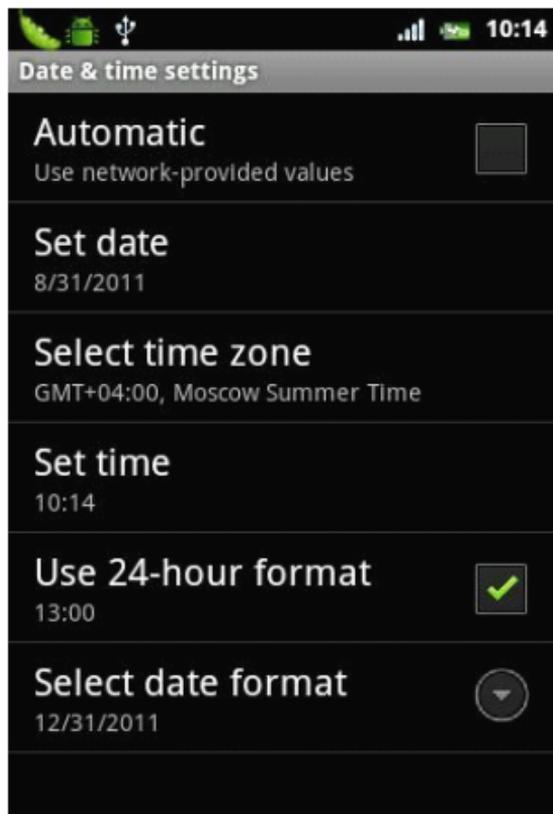
2.7 Adjust the volume

Press volume up\down key can adjust the volume, the phone will into vibrate mode When the volume adjust to minimum.



2.8 Set Date and Time

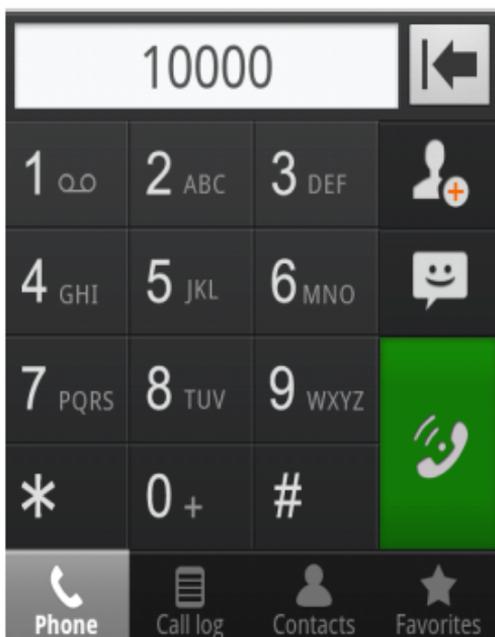
You can set the date, time, time zone and format. In Home screen press Launcher key, choose settings, hit Date & time will enter into setting screen you can set you want.



3. Call Features

3.1 Making a Call

- On the standby screen, click **Dial** to open the phone keypad;
- Tap the keypad key and then send button to dial the phone number;



3.2 Answer a Call

When there's an incoming call, tap [Answer](#) to answer it; Tap [End](#) button to reject it.

3.3 During a Call

During a call, you may select an option on the screen or in the [Menu](#) for more functions.

Note The availability of these features depends on the service provider and whether you have subscribed them.

Hold

If you tap [Hold](#) during a call, you and the party you are talking with can't hear each other any more. However, the call

is not hanged up. It will be retrieved after you tap **Unhold**.

Mute

If you need to turn off the Mic for a while during a call, tap **Mute**. Then, you can hear the other party, but he/she can't hear you. Tap Unmute to restore.

Speaker On

After the loudspeaker is on, the sound will be amplified.

Hands-free On

Tap **Bluetooth** by press menu key during talking to turn on Hands-free. Both of you can hear clearly without putting the phone on your ear. Select it again to turn it off.



Note: you must connect with the blue tooth earphone.

Conference

The phone supports conference calls feature, choose Conference in menu when the phone made two-way call, can make Conference calls.

Note: Your phone GSM supports conference call with up to 6 parties involved.

4. Contacts

4.1 View Contact Details

A list of contacts is shown on the screen.

- Contacts are sorted in alphabetical order;
- Scroll the screen to locate a contact for details;
- Press the Menu key you can choose new contact, multiple select, display options, accounts and import / export etc.

4.2 Edit a Contact

When you want modify the contact record, select a contact from the list and then press menu choose edit contact.

4.3 Add New Contact

In contact list interface, press menu key and hit New contact item, fill in each item and then tap Done. The new contact will then be shown in the list.

4.4 Delete Contacts

You may delete contacts either from the contact list.

Choose the contact you want to delete and long hit will pop-up shortcut menu, choose delete contact can delete the contact.

4.5 Import/Export contacts

In contact list, press menu key, choose

Import/Export item, you can choose Import from SIM card, Export to SIM card, Import from SD card, Export to SD card.

5.Messages

You may edit, send and receive text messages and MMS.

5.1 Text Message

The service for text message is offered by your service provider. Wireless subscribers can send and receive brief text messages.

Before sending the first text message from your phone, make sure the number of SMSC has been set. Contact your service provider for the local number.

Read Text Messages

- Touch the launcher icon and then touch [Messaging](#).
- The message list displays part of the text.
- To open a message, tap it to open the text.

Edit Text Message

- In the Messaging, select [New message](#) to open the editing box.
- Enter the recipient's phone number in the "To" box, or select [add contacts](#)

button and then choose a phone number. Your phone supports group sending to multiple recipients. After entering the text, you can send the SMS by touching the send button on right.

Note: The 160-character limit may vary from country to country depending on how the SMS is coded. If an image, Video or audio file is added to an SMS is will be automatically converted to an MMS, and you will be charged accordingly.

5.2 Email

Your phone can send and receive emails as long as your service provider supports this feature.

Add New Email Account

Touch the Email icon on the Home screen or in the Launcher.

The first time you open Email, you are prompted to set up an email account. After that, you can configure Email to send and receive email from additional accounts. The accounts that you configure are displayed in the Accounts screen.

Send Email

1. Home screen--Launch icon—Email.
2. Press menu key, choose Compose.

3. Input address and you can also add multiple recipients.
4. Input subject.
5. Input Compose Mail.
6. Press menu key you can choose add attachment.

Receive Email

1. Home screen--Launch icon—Email.
2. Press menu key, choose Refresh.
3. Phone connects to the server and download messages, receive e-mail list will be maintained in the information.

View Email

Hit the Email that you want to view in the message list.

In reading interface you can choose Reply or Reply all.

5.3 MMS

To create and send a multimedia message

1. On the Messaging screen, touch new message.
2. Enter a mobile phone number or email address in the field.
As you type, matching contacts appear. You can touch a suggested contact or continue typing.
You can also enter the name of a contact with a mobile number.
- 3 Touch the composition text box to

start entering your message.

4 Press Menu and touch Add subject to add a message subject.

5 Press Menu and touch Attach to open a menu where you can touch the kind of media file to attach to the message.

6. Touch Send MMS.

Receive MMS

If you're working in a message window, messages that you receive are displayed in it.

Otherwise, you receive a new message notification and a new message icon appears in the Status bar.

When you touch the new message notification, the Message window opens, where you can reply to the message.

If Auto-retrieve is unchecked, you must touch Download to view the message.

If the message contains a media file, touch Play to view, watch, or listen to it.

Touch & hold the media file to open a menu with an option for saving the message on your SD card.

Touch & hold a message to open a menu with number of options for working with the message and its sender's information.

Most of these options are described in

this section.

5.4 Message settings

You can change a number of Messaging settings.

To change Messaging settings, open the Messaging window, press Menu, and touch Settings.

6. Multimedia

6.1 Camera

- The camera included with your phone is produced and assembled with superior and high precision technologies. However, you should pay particular care when shooting pictures in dimly lit areas to avoid the amount of impurities (e.g., white lines, bright dots, dim dots, etc.).

To shoot a video

1. If necessary, drag the control to the Video position.
2. Adjust the quality, color effect, flash, and other settings if you wish. Or leave them on automatic.
3. Point the lens to frame the scene where you want to start.
4. Touch the Start Video icon or press the Trackball.

Camera starts shooting the video. The time remaining to shoot counts

down at the left; when less than a minute is left, the countdown turns red.

5. Touch the Stop Video icon or press the Trackball to stop shooting.

An image from your most recent video is displayed as a thumbnail at the lower right.

6. Touch the thumbnail to view, share, and work with your videos in Gallery.

6.2 Music

You use Music to organize and listen to music and other audio files that you transfer to your SD card from your computer.

6.3 Recorder

You can through recorders to record your favorite sound, and can be set up to record the voice of an Incoming Call Ring, Alarm, and Message Remind.

In home screen hit launch icon, choose recorder can enter into recorder interface.

Notes: Pleaser insert SD Card before enter into recorder.



6.4 FM Radio

In the idle screen click start the program button in the program list screen select the FM radio into the interface

Auto search

- Tap menu button and select “Search” to start searching channels.
- Channels will be saved in the current group; channels already in the group will be cleared.

Up to 50 channels can be searched, and the search will stop.

Higher-frequency

You can fine-tune the frequency based on the current frequency value.

- Select in the figure "6 small frequency adjustment button " cut short by the time 100kHz, coming to an end flip; long after the search by then, or "7 large frequency adjustment button " each time the Canadian Press 100kHz, coming to an end flip ; long before by the search.

Listen

- Tap "8 Favorite channels" button to start listening.
- The current frequency and current channel are shown as in the figure above

Browse Channels

- A total of 50 channels shown in the "8 Favorite channels ": Short press will play the channel.

Exit

Press menu key, choose exit.

7.Programs

7.1 Calendar

Calendar on the phone works with the web-based Google Calendar that calendaring service for creating and managing events, meetings, and appointments. It also works with the Microsoft Exchange ActiveSync calendaring service.



Calendar Settings

In calendar interface option from the menu, select More from the popup menu, then select Settings, enter the setup interface, you can view the calendar method, set reminder methods.

7.2 Clock

You can program the clock to set the alarm, access to weather information, the player screen saver slide show, call the music player or return to the main interface, and other operations.

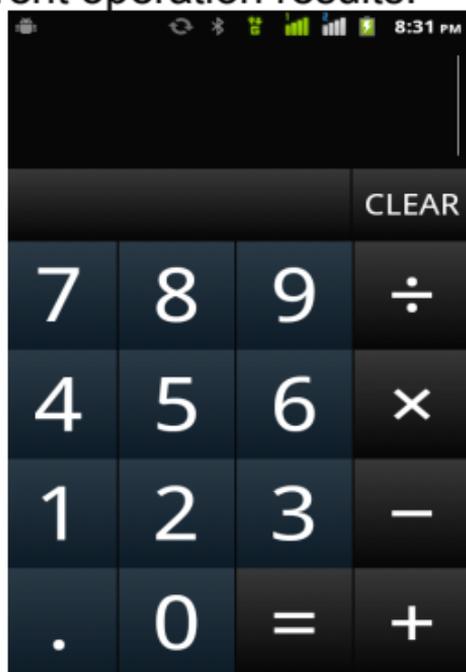
Set Alarm

- In the idle screen click Launcher button, select the clock to enter, click the clock icon, and enter the alarm settings interface.

- You can click to add or edit an existing alarm clock, follow the prompts to enter the setting interface related settings, set the alarm time is reached after the reminder will pop up.

7.3 Calculator

This feature allows you to phone in a simple arithmetic, including addition, subtraction, multiplication, division, and percentage of operations and so on. Into the calculator interface, using digital and analog keyboard operator that you need, the results can be obtained by an equal sign. By simulated keyboard in the "Clear" button to clear the entered number or the current operation results.



7.4 SIM Toolkit

You can use this function to view the SIM card using a variety of services provided by operators, such as customized mobile newspapers, mobile phone business offices, custom ring tones and more.

Home screen—Launch icon—SIM Toolkit

Note: When using this feature you must first insert the SIM card.

7.5 Browser

Use the browser on your mobile phone can be connected to the Internet or Web-based applications.

Enables mobile phone by browsing to connect to the network, you need to make the following work:

- Make sure your card supports the network function, if you do not know whether the card has this feature, contact your network service provider counseling;
- Contact your network service provider to subscribe and subscription data services.
- In your phone browser settings correctly.

Note: access to WAP network function depends on whether Internet service

providers offer this service, and whether you opened this feature. Contact your network service operator.

Open web

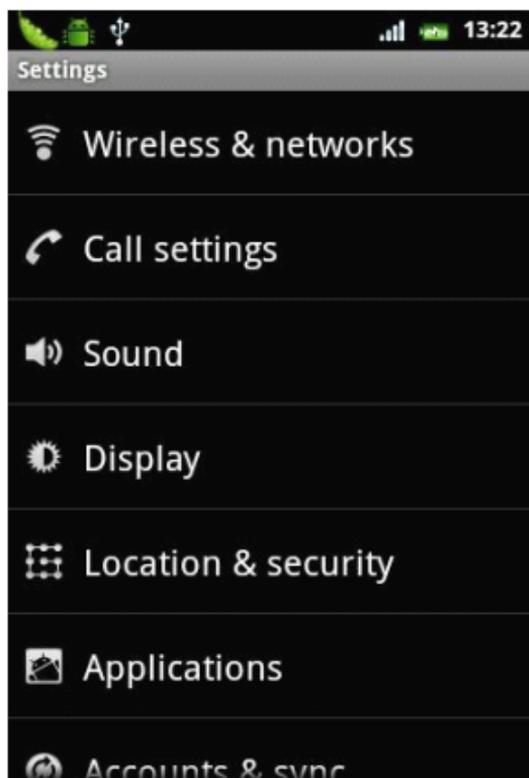
1. In the browser interface, click on the web address bar.
2. Enter to open the web address Click Start.



8.Settings

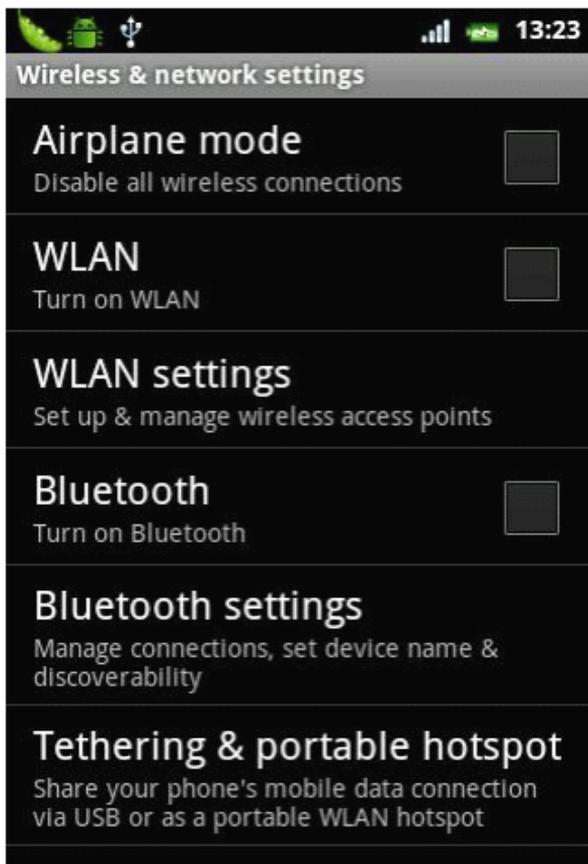
You can set all the basic functions of mobile phones.

Home screen--Launch icon--Settings



8.1 Wireless & networks

Use Wireless & Network settings to configure and manage connections to networks and devices by using WLAN, Bluetooth, and mobile networks. You also use Wireless & Network settings to configure connections between your phone and virtual private networks (VPNs), to connect your computer to the Internet using your phone, and to turn off all radios with Airplane mode.



Airplane mode

If you turn the flight mode on, phone, Bluetooth, WLAN, data services are turned off, when other incoming calls will not be in the machine. If you turn off flight mode, phone, Bluetooth, WLAN, data services will be fully open. Flight mode enabled, you can just open a separate function you want to open. You can also press the power button to turn off flight mode selection.

WLAN and WLAN settings

Check to turn on WLAN so you can

connect to WLAN networks.

WLAN Check to turn on WLAN so you can connect to WLAN networks.

Network notification Check to receive a notification when an open WLAN network becomes available.

WLAN networks Displays a list of WLAN networks you've previously configured and those detected when the phone last scanned for WLAN networks.

Add WLAN network opens a dialog where you can add a WLAN network by entering its SSID (the name it broadcasts) and security type.

Advanced WLAN settings screen

WLAN sleep policy opens a dialog where you can set whether and when the WLAN radio disconnects. Disabling sleep uses more battery power.

MAC addresses The Media Access Control (MAC) address of your phone when connecting to WLAN networks.

IP settings If you check Use static IP, you can use IP settings to enter an IP address and other network settings for you phone manually, rather than using the DHCP protocol to obtain network settings from the WLAN network itself.



Bluetooth and Bluetooth settings

Check to turn on Bluetooth so you can connect to Bluetooth devices.

Bluetooth Check to turn on Bluetooth so you can connect to Bluetooth devices.

Device name Opens a dialog where you can give your phone a name that is visible on some Bluetooth devices when you pair them. The current name is displayed.

Discoverable Check to make your phone discoverable by other Bluetooth devices for 120 seconds.

Scan for devices Touch to search for and display information about nearby Bluetooth devices.

Bluetooth devices Displays a list of

Bluetooth devices that you've previously configured and those detected when the phone last scanned for Bluetooth devices.



Tethering & portable hotspot settings

USB tethering Check to share your phone's mobile network data connection with your computer via a USB connection.

Portable WLAN hotspot Check to share your phone's mobile network data connection as a portable WLAN hotspot.

Portable WLAN hotspot settings Opens a screen with settings to turn

the hotspot on and off and to set the SSID (its broadcast name) and security.

Help Opens a dialog with information about USB tethering and portable WLAN hotspots as well as information about where to learn more.



VPN settings

Add VPN Opens a screen that prompts you to select the type of VPN to add. You are then prompted for VPN configuration details.

VPNs The list of VPNs that you've previously configured.

Mobile networks settings

Data enabled Uncheck to prevent your phone from transmitting data on any mobile network.

This is useful if you are traveling in an area where you do not have a mobile

data plan and want to avoid charges for data use on local carriers' mobile networks. Unshackling this setting does not prevent your phone transmitting data on other wireless networks, such as WLAN or Bluetooth.

Data roaming Uncheck to prevent your phone from transmitting data on other carriers' mobile networks when you can't access your own carrier's mobile networks.

Network Mode In this setting, you can choose to register the network, you can set to WCDMA only mode, GSM only mode, WCDMA preferred mode.

Access Point Names Opens the APNs screen, where you can select mobile access point configurations; or press Menu to add a new APN. Consult your carrier about how to use the tools on this screen.

Network operators Opens a screen that searches for and displays mobile networks that are compatible with your phone. Consult your carrier to understand the billing implications of selecting another carrier.

8.2 Call settings

Use Call settings to configure phone call settings, such as call forwarding,

call waiting, and other special features offered by your carrier. You can also use Call settings to configure the phone so that it can place outgoing calls only to a fixed set of phone numbers.

8.3 Sound settings

Use the Sound settings to configure how and at what volume the phone rings, vibrates, or the Trackball light pulses when the phone rings, you receive a notification, an alarm sounds, or when you play music or other media with audio, as well as some related settings.

8.4 Display settings

Use the Display settings to configure brightness and other screen settings.

8.5 Location & security settings

Use the Location & Security settings to set your preferences for using and sharing your location when your search for information and use location-aware applications, such as Maps. You can also configure settings that help secure your phone and its data.

Use wireless networks Check to use information from Wi-Fi and mobile networks to determine your approximate location, for use in Maps,

when you search, and so on. When you check this option, you're asked whether you consent to sharing your location anonymously with Google's location service.

Use GPS satellites Check to use your phone's global positioning system (GPS) satellite receiver to pinpoint your location to within an accuracy as close as several meters ("street level").

Actual GPS accuracy depends on a clear view of the sky and other factors.

Set unlock PIN Opens a set of screens for setting a numeric PIN you must enter to unlock your screen.

Change unlock PIN When a screen lock PIN is set, opens a set of screens you can use to change PIN.

Set up SIM/RUIM card lock card lock opens a screen where you can configure the phone to require entering the SIM PIN to use the phone, and where you can change the SIM PIN.

Select device administrators Can Add or remove device administrators in this setting.

Install from SD card Touch to install a secure certificate from an SD card.

Set password Opens a dialog where you can set or change the password for

your secure credential storage. Your password must have at least 8 characters.

8.6 Applications settings

You use the Applications settings to view details about the applications installed on your phone, to manage their data and force them to stop, and to set whether you want to permit installation of applications that you obtain from web sites and email.

8.7 Privacy

You use the Privacy settings to manage your personal information.

Factory data reset Erases all of your personal data from internal phone storage, including information about your Google Account, any other accounts, your system and application settings, and any downloaded applications. Resetting the phone does not erase any system software updates you've downloaded or any files on your SD card, such as music or photos. If you reset the phone in this way, the next time you turn on your phone you're prompted to reenter the same kind of information as when you first started Android.

8.8 Storage

Use the SD Card & Phone Storage settings to monitor the used and available space on your phone and on your SD card and to manage your SD card.

8.9 Language & keyboard settings

Use the Language & Keyboard settings to select the language for the text on your phone and for configuring the onscreen keyboard, including words that you've added to its dictionary.

8.10 Voice input & output

Use voice input & output settings to set up Text-to-speech settings

8.11 Accessibility

Use accessibility settings to use power button end call feature.

8.12 Date & time

Use Date and time settings to set the values of date and time, also the format of date and time.

8.13 Timer power on & off

Use timer power on & off settings to enable timer power on & off feature, also you can set the timer.

9.Help

9.1 Troubleshooting

Check these questions first if you have

problems with your phone. If you need additional help, contact your dealer or service provider.

Question	Cause	Answer
Internet Explorer can't connect to the Internet.	The service provider does not offer such a service or you have not subscribed it.	Contact your service provider on subscription and use of the service.
	Incorrect configurations	Refer to the help of Internet Explorer
UIM card error	The UIM card has been damaged	Consult your service provider
	The UIM card is incorrectly inserted	Check the UIM card to make sure it is inserted properly.
	Metal surface of UIM card is unclean.	Clean the metal surface with a clean cloth or tissue

Poor signals	The area with poor reception of signals, such as vicinity of high rise or the basement, where RF wave can't reach effectively	Receive calls in places where a good signal is available.
	Peak hour with congested traffic	Try a different time to use your phone
Fail to power on	Using an excessively low battery.	Charge the battery
Fail to connect to network	Invalid UIM card	Consult your service provider
	Out of GSM service area	Relocate your phone into service area
	Poor signals	Relocate your phone to places with strong signals, then try again.

Fail to charge	Inconsistent voltage between the AC outlet and the charger	Replace a charge with consistent voltage
	Non-standard charger	Use a charger designed for this type of phone
	Improperly connected to the main power	Check the connection in between

10.Maintenance Guide

Should you experience problems using this phone, contact the dealer where it was purchased or refer to the repair center specified. If the phone needs repair, you may send it to the local repair center (see the certificate of three guarantees provided with the phone for specific repair network). If there is no local repair center specified, deliver your phone and copy of purchasing invoice to the dealer for mailing of EMS.

- Keep the phone and all its parts and accessories away from children.
- Keep the phone dry. Precipitation,

humidity, and liquids may contain minerals that can corrode electronic circuits.

- Do not use or store the phone in dusty areas as knock-down components may be damaged?
- Do not store the phone in extreme temperatures. High temperatures can shorten the life of electronic devices, damage batteries and warp or melt certain plastics components. Cold temperatures may result in moisture forming inside the phone when temperatures rise, which may damage the electronic circuits.
- Do not attempt to disassemble the phone's casing. Nonprofessional handling of the phone may cause damage and void the warranty.
- Do not tap, knock or shake the phone to avoid damage to the internal circuitry.
- Do not apply or clean the device with chemical products, detergents or scouring products.
- Do not use paints on or in the phone. Blockage of sundries inside the knock-down components may affect the normal operation of the device.

The abovementioned guidelines are

applicable to your phone, batteries, charger and accessories. If you experience difficulties with any of these components please contact the nearest qualified repair center.

Notes:

- Before the first time use, charge the battery with the original charger for 8 to 10 hours. A new battery may reach its peak performance only after two or three cycles of fully charging and discharging.
- Similar to a computer, your phone will perform best when enough memory is present. Reboot the phone to clear the memory to store it peak performance.
- Running multiple programs at the same time may prolong the response time of the phone. If it starts to react slowly, try rebooting the phone to recover.
- In the event that the contents of this manual are not consistent with menu options on the phone, follow the prompts on the phone.
- Some services described in this manual may not be supported by all the networks. Contact your network operator or service provider for details.
- All company and product names are

the trademarks of their respective owners and registered trademarks.

- The user manual and the actual layout of the screen layout may be different.
- The information in this guide is subject to change without notice.
- Not all networks can support that described in the manual.
- In some cases, cell phone screen may be some black spots or bright spots. Performance of this phenomenon and the use of mobile phones will not have any impact.

CAUTION

THE CONNECTION TO USB INTERFACES HAS TO BE LIMITED TO USB2.0 VERSION OR HAIHER

OR HAIHER

THE CONNECTION TO SO CALLED POWER USB PROHIBITED

Appendix – Product Safety Warnings

SAFETY AND COMPLIANCE INFORMATION

Use responsibly. Read all instruction and safety information before use to avoid injury.

BATTERY SAFETY

Charge battery only in temperatures

ranging from 32 °F to 95° F(0 °C to 35 °C) .

CAUTION: Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent of battery recommended by the manufacturer. Dispose of used batteries according to battery manufacturer's instructions. This is only for reference, please in kind prevail.