

SG402

User Manual

Preface

Please read the following guidelines before using your new phone. Utmost compliance with the following is highly recommended for your safety. Non-compliance may pose danger to you and your mobile phone, and may be illegal.

The phone is packed with features to satisfy your needs such as Phonebook, Music Player, Video Player, Digital Camera, among others. It is Wi-Fi and Bluetooth and also meets the GSM/GPRS technical criteria. It is certified by both local and international authorities.

We reserve the right to modify technical specifications without prior notice. Some content in this manual, i.e. software, images, accessories and more, may vary from that in the actual device. Please refer to your unit for accuracy.

This guide aims to help you get started on your new phone. You will find the following icons periodically present to help you make better use of your device.

→ - indicates sequence of processes



- presents additional notes on a topic or alternative options for a feature



- shows further cautionary measures to prevent damage to your mobile phone

1. Getting Started

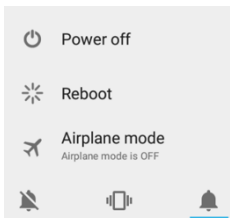


Switch your Mobile Phone ON / OFF

To switch your mobile phone ON, press and hold the Power Key until an animation appears on the screen. Make sure the battery is charged and inserted properly.

To switch OFF, press and hold the Power Key until a window pops up.

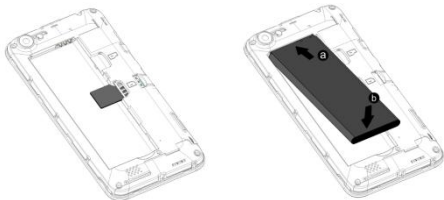
Tap Power Off and the phone will shut down.



Install / Remove the SIM Card and Battery

Make sure to switch off the device and disconnect from charger before installing and removing the SIM card and battery. To install / remove the SIM card and battery, perform the following:

1. Turn the mobile phone OFF.
 2. Snap open the phone's back cover and pull out the battery.
 3. Carefully insert the SIM card into the SIM card slot, making sure that the card's gold plate is facing down and in proper alignment with the phone's metal contacts.
 4. Carefully return the battery into its slot and put the cover back on.
- ⚠: If the screen displays that the SIM card is locked permanently, please consult your network operator.



Install / Remove the Memory Card

The Memory Card is a handy mobile storage device that expands the mobile phone's storage capacity. To install/remove the memory card, perform the following:


1. Turn the mobile phone OFF.
2. Snap open the phone's back cover.
3. Carefully insert the Memory Card into the slot, making sure that the card's gold plate is facing down and in proper alignment with the phone's metal contacts.
4. Put the cover back on.
5. To remove, carefully slide the lock and pull the card out of the slot.




Charge the Battery

1. Plug the charger into the electrical outlet.
2. Connect the small end of the charger connector into the mobile phone's charging slot.

The battery indicator icon will flash until charging is finished. When charging is complete, i.e. the battery charging icon stops flashing, disconnect the phone from the charger.

: Do not forget to unplug the charger from the electrical outlet after charging.

: Only use approved charger and other accessories.

 You can use the phone while charging, but charging time may increase. When charging the handset in its Power Off state, a charging indicator will appear on the screen.



Switch to Sleep Mode / Wake Up

The Sleep Mode suspends your device to a low power consumption state in order to prolong battery life. Your device also goes into Sleep Mode by itself when the display automatically turns off after a certain period of time, depending on display settings.

Lightly press Power Key to switch to Sleep Mode.

Press the Power Key to Wake Up / activate your screen display.

To configure sleep settings, go to Settings → Display → Sleep → choose time

: Switching the Phone to Sleep Mode is a way to lock your phone.

Screen Lock

1.You can lock your screen for additional security. After you set a lock, the screen is locked after the display goes to sleep.

2.Go to Settings → Security → Screen lock.

3.Touch the type of lock you want and follow the onscreen instructions.


You can choose among these lock options:

Swipe provides no protection, but lets you get to the Home screen quickly.


Pattern lets you draw a simple pattern with your finger to unlock the tablet.


PIN requires four or more numbers. Longer PINs tend to be more secure.

Password requires four or more letters or numbers. This is the most secure option, as long as you create a strong password.


: A strong password is usually eight or more characters long, and is composed of alphanumeric characters and symbols.

Unlock Your Phone

Drag the  icon to the right, depending on your screen lock pattern.

: To set Screen Lock pattern, go to Menu → Settings → Security → Screen Lock → choose from options.

Security Codes

The mobile phone and the SIM card support several passwords in order to prevent misuse. When prompted to enter any of the codes mentioned below, type in the correct code and then confirm by tapping the OK key. To access the phone's settings for these codes, go to Menu  → Settings → Security → Set up SIM card lock → Choose which card to lock → Lock SIM Card → enter SIM PIN → OK

Personal Identification Number (PIN)

Local network service providers furnish each SIM card with a unique set of codes including the PIN, PIN2 and PUK. If the PIN is incorrectly entered for three successive times, the SIM card will be locked.

To unlock the SIM card, you need to enter the PUK or the Personal Unlocking Key.

For further information regarding PIN, PUK and SIM Lock, contact your network service provider.

Basic Troubleshooting for locked SIM card:


-Enter the correct PUK. You will then be prompted to enter a new PIN.

-Type in the new PIN → OK.

-Re-type the new PIN → OK.

PUK

The PUK (Personal Unlocking Key) code is required in order to modify a blocked PIN. This code usually comes with the SIM card upon purchase. Otherwise, contact your local service provider.

: If you enter the wrong PUK code for 10 consecutive times, the SIM card will become invalid.

2. Overview

Functions of Main Keys



Menu Key – Allows you to change wallpaper/widgets manage apps, access system settings



Home Key – Returns to the main screen in one touch; Tap and hold the Home Key to view recently browsed/accessed/used applications



Back Key – makes the screen go back one level

Touch Control

Your phone is receptive to the following finger gestures:

TAP – selects or launches an item or an app i.e. selecting from the menu, entering characters or text in a field.

TAP & HOLD - activates widgets and offers further options to an application. tap& hold an item on the screen by touching it and not lifting your finger until an action occurs.

DRAG - tap & hold an item and then, without lifting your finger, move your finger on the screen to reposition it on the screen.

SWIPE OR SLIDE - lets you scroll the screen up, down, left or right. It is also used when unlocking the screen. Lightly and quickly touch and slide your finger across the screen without pausing to avoid dragging an item instead.

DOUBLE-TAP - lets you zoom in or out a screen Tap quickly twice on a webpage, map, or other screen to zoom.

PINCH - lets you zoom in or out a screen by placing two fingers on the screen at once and pinching them together (to zoom out) or spreading them apart (to zoom in).

Customize the Home Screen

Change the Wallpaper:

Tap and hold any clear part of the Screen → Choose wallpaper from Gallery, Live Wallpapers and Wallpapers.

Remove Items from Your Home Screen

Tap Home Key to return to the Home Screen.

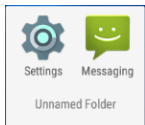
Tap and hold the item to be removed and drag it towards the [**X Remove**] icon at the top of the screen.

Auto-Rotate Screen

With the Auto-Rotate Screen turned on, you will be able to view items on the screen vertically or horizontally, depending on how you hold your phone. Please note that not all screens are covered by the Auto-Rotate Screen feature.

To turn the Auto-Rotate Screen feature on/off, go to Menu → Settings → Display → When device is rotated → (uncheck)

You may also drag down the Notifications panel and tap **'Auto-rotate'** to activate or deactivate auto-rotate function.



Folders

This allows you to organize your applications in folders on the Home Screen. To make a new folder on your Home screen, tap and hold and drag apps to the Home Screen, and stack them on top of another. They will automatically be grouped into a folder.

To name folder on Home screen

1. Touch the folder icon on Home screen to open















2. Touch the folder's title bar to show the name field.
3. Edit the folder's name and tap done after renaming.

To remove applications out of a folder back to the Home Screen

Touch and hold the item in a folder, and then drag it out of the folder.

Status and Notification Icons

To view your phone's notifications, simply swipe the notifications bar downwards. Below are the possible status icons you will encounter and their meanings:

	USB connected		Missed call
	Meeting mode		Earphone insert
	Airplane mode		Signal strength
	Alarm set		Signal searching
	Battery charge		New message
	Silent mode		USBdebugging connected
	Bluetooth icon		Wi-Fi network

Notifications



The Notifications panel lets you view notices, warnings and any new updates in your phone.

1. To open the Notifications panel

Found on the top part of the screen, swipe the notifications panel (also known as the status bar) downwards.

*Swipe upwards to close.

2. To open a running application from the Notifications panel

From the Notifications panel, touch the icon for the running application to open it.

To dismiss notifications, tap 

Toolkits

ToolKits quickly start applications such as Bluetooth, WLAN and so on.

- Using two fingers, swipe the Notifications panel downwards.
- Tap a ToolKit to enable or disable.

Magnification Gestures

With this feature turned on, you can zoom in/out by quickly tapping the screen three times (triple-tapping)


While zoomed in, you can:

Pan – Drag two or more fingers across the screen

Adjust zoom level – pinch two or more fingers together or spread them apart.

You can also temporarily magnify what's under your finger by triple-tapping and holding. In this magnified state, you can drag your finger to explore different parts of the screen. Lift your finger to return to previous size.



: The triple-tap magnification gesture works



on any screen except the keyboard and navigation bar.



To activate, go to Settings → Accessibility → Magnification Gestures → ON.


3. Basic Functions

Make and Answer Calls

Make a Call

Option 1: On the Home Screen tap  → choose the Phone tab → enter phone number → tap 

Option 2: Tap  →  → enter phone number → tap. 



Option 3: Tap  → People → tap name of selected contact

: Tap  to erase incorrect digits.

Dial an International Call

For international calls, type (+) followed by the country code and then the complete number.


(+) (Country Code) (complete phone number) then tap 

: Tap and hold  to type "+" and then type the country code, the area code and the telephone number. Then tap the telephone icon to connect.

Dial an Emergency Call

This phone operates using radio signals, wireless and landline networks, but cannot guarantee connection in all locations at all conditions. It is not advisable to rely solely on wireless phones to make emergency calls. To make an emergency call:

1. Switch your phone on.
2. Dial emergency number dial 112/911 (or other emergency call number) and tap Call.



: Some networks may require that a valid SIM card is properly inserted in the phone before making an emergency call. Emergency



numbers vary in every country. Emergency calls may not work in all locations due to network and interference issues.

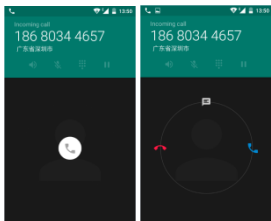
Answer / Reject an Incoming Call

When you receive an incoming call, a notification message appears on the screen.

To accept call, drag  towards 

To reject, drag  towards 

Drag  towards  to send a message instead.



Adjust the Volume


During a call, press the Volume keys to adjust the volume.


Options During a Call

 Launch/Hide Dial Pad



 - Turn speakerphone on/off

 - Mute


 - Put a call on hold



 - add current call's details to contacts and start recording



Contacts


You can add contacts on your phone and synchronize them with the contacts in your Google account or other accounts that support contact syncing. To manage your contacts, go to  → Contacts .

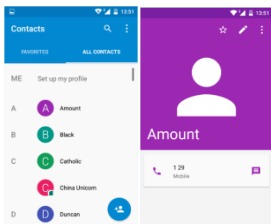
 Create contact. Store the contact to → SIM/phone → tap Done.

 - Search. Type name or number of contact you wish to find → Next.

 - Groups. Create group under account, tap  → Phone → group's name → Type person's name → Done.





 - Favorites. To add contacts to Favorites, tap chosen contact from list. Then, tap  on the upper right corner of the screen


 - Send message



Messaging

To create and send message from home screen, tap

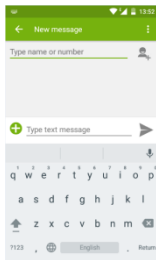
- Tap the new message  icon at the top right button part of the screen.
- In **TO** field, type the recipient's phone number OR tap  to search from contacts.
- Type message in the Type message field using the on screen keyboard.
- Tap  to insert pictures, videos, audio, etc.
- Tap  to send.

: To send MMS, add an attachment to the text message by tapping and the SMS will automatically be sent as an MMS. Likewise,

if the user removes the attachment, the message is reverted back to being sent as SMS.

Message Threads

Instead of inbox, outbox and sent folders, your phone organizes all your messages into "threads," where messages exchanged with the same number are grouped into a conversation-like folder. Tap a

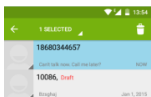


thread to view all messages you had with a certain number or a group.

Delete a thread / message

To erase a message tap and hold a specific message → Delete.

To erase an entire thread, tap and hold a thread →select conversations to erase → tap 





Connect to the Internet


Connect to a wireless network to browse Internet.

Swipe down Notifications panel


Tap **Wi-Fi** to display available networks.


 If network connection is successful, the icon  will appear on the status bar. Some Wi-Fi networks are secured and may prompt you to enter a password before access. Enter the correct security password and tap “Connect.”


Browser

To surf the Internet on your phone, go to → 


Tap the address bar → type in desired URL → GO

: To change the homepage, Menu → Settings → General → Set Homepage → choose from options.



Tap  to access more functions, such as bookmarks, history and others

Tap  to view all active browsers.


To bookmark a page, tap  → , or Menu → Bookmarks/History.


To open new tab, ap  and tap +.


Capture and View Photo or Video

This mobile phone is equipped with a digital camera that lets you take photos and videos whenever and wherever you like. To capture images,  go to → .

Capturing an Image

Aim the phone at the subject, and then tap  to take a shot.


 - view recently captured image

 - Switch to front camera


Swipe the panel on the left side of the screen to adjust settings.

 - Panorama mode

 - Face beauty mode


Tap  for more camera settings

Capturing a Video

On Camera mode, tap .


Aim the phone at the subject.

To start/stop recording, select .

 - switch to front camera.

 - launch settings.

4. Main Menu




The Main Menu displays all the applications your phone has. You may access the Main menu by tapping on the Menu icon  from the Home Screen.

Browser

Please see “Browser”.

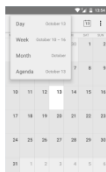
Calculator

This mobile phone is equipped with a calculator to facilitate simple

computations using the 4 basic functions. Tap  on the Calculator's interface and an advanced panel will pop up for more complex calculations. Enter the numbers using on-screen keyboard and choose the desired operation. Tap  for corrections and  to get the output.

Calendar

The calendar application shows the current date/month, and lets you organize your schedule by allowing you to add, edit, delete and view



events. You may also add appointments and notes as reminders.

Go to  → . Tap  for options.


Camera

Please see “Capture and View Photo or Video”



Clock

This function shows the current time and date, and gives you access

to the alarm clock. Go to  → 



Tap  to edit alarms. To add new alarm, tap +

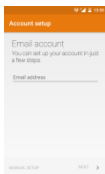
Downloads

This allows you to view a list of downloaded files and apps stored in the internal storage, and those currently being downloaded. To manage Downloads, go to  → 



Email




You can send and receive e-mails on your phone.


Tap  →  → set up an account by entering an existing email address and password.



File Manager


The File Manager lets you view, open and manage the data saved in your phone and Memory card. Go to  →  → choose from Phone Storage / SD Card.


-  - New folder
-  - Search item
-  - display options


: You may also press and hold a folder or file for further options.


FM Radio

To listen to the radio, go to  → 

 - view channel list on/off

 - search the channel list

 - Fine tune channel



 - Display options: Search, Speaker and Record FM

: A headset must be connected for the FM radio to work. Press




side keys to adjust volume.

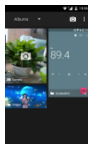
Gallery

To view captured images, recorded video clips, and downloaded images, go to  → .



Click on a thumbnail to open an album.

Tap and hold an image to share (via Messaging, Bluetooth, Email), delete or view details.



Tap  to display other settings.



Messaging

This menu allows you to read, compose, send and receive messages. The screen icon displayed in standby mode refers to received and unread messages. Tap  from the Home Screen to access. On the Messaging interface, tap  options. For related information, refer to "Messaging".

Music

Use the Music to play music and audio files. Go to  → 

The songs are categorized into tabs: Artists, Albums and Songs. To create a playlist, press & hold chosen song → Add to Playlist.

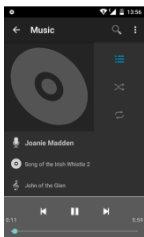
 - displays playlist

 - shuffles tracks

 - repeats playback

 /  - plays previous or next track


  - play/pause song



Contacts

This menu refers to the directory where all the contacts are stored in alphabetical order. You can view, edit, delete, send messages and perform various other functions on each contact in your phonebook.

The Contacts menu allows you to store, locate and view your saved contacts. Aside from these, Contacts also allows you to copy, edit and delete a contact.

: You can also send SMS / MMS or call a contact directly from Contacts, as well as store several details (e-mail, pictures, phone numbers, etc.) for each contact if saved in the phone's memory.

For related information, see 'Manage Contacts'

[To import contacts from email to phone or the other way around](#)


Go to  → .

Tap  → Import/Export.

Select where to import and export → Next


Mark contacts to import/export → Copy.

Phone

The Phone menu has three tabs. The SPEED DIAL, RECENTS and CONTACTS tabs. To access this, tap  on the Home Screen.

The Dial tab directs you to the dial pad where you can make calls.

Please refer to “Make a Call” for related information. The RECENTS tab gives you access to your phone’s call history. To view this, tap the RECENTS tab at the top part of the screen, and your call logs will be listed. Touch number to call and view call details.



 → Received call

 → Outgoing call

 → Missed call

 → send message

 → view contact details

To clear log, tap  → Delete → select call to be deleted →  →

OK

For further settings, tap  → Settings → Call Settings






This lets you manage your phone's Voice call such as other Settings(message templates sent).

SIM Claro (STK)

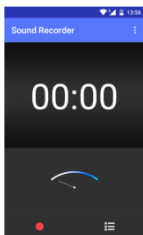
The features of your STK are offered by your service provider. If your SIM card supports the STK feature, you will see the STK menu.

You may contact your network service provider for more information regarding the STK. To access, tap  → 



Sound Recorder

Record sound and other audio files on your phone by going to  → . Tap  to start recording and press  to stop recording. To play the recently recorded sound, press . After playback, you may opt to discard or save the recorded file.


To view the recorded files, tap



Video Player

This displays and lets you view all video files stored in your phone and in your Memory Card. To access, tap  →  → tap a video to Play.

To Pause/Play, just tap on the video.

Tap  to share on Youtube, Messaging, Bluetooth, Email and Gmail.

5.Settings

Under **Wireless & Networks:**

Wi-Fi

This allows you to switch your phone's Wi-Fi capability ON or OFF.




Check the Wi-Fi network by looking at the  icon in the status bar.

Bluetooth

Switch the Bluetooth function ON so you may establish wireless connection with other compatible devices with the Bluetooth technology. The Bluetooth may be used to send and receive different kinds of files. With the Bluetooth technology you may establish wireless connection with a compatible PC to enhance

communication.

Bluetooth is a short-range wireless communication technology. Phones or other devices with Bluetooth capabilities can exchange information wirelessly within a distance of about 10 meters. The Bluetooth devices must be paired before the communication is performed.

Tap  >  Click  next to the Bluetooth menu to turn it on,

When Bluetooth is on, the  icon will appear in the status bar.

Tap Bluetooth. Your phone will show all visible Bluetooth devices in range.

Tap the device you want to pair with and operate according to the message prompt.


When the owner of the device to be paired accepts the connection, the pairing is completed.

TIPS: Tap your device name to make your phone discoverable if other devices try to pair with your phone.

Data Usage

This lets you monitor your data usage per month. Switch ON the mobile data usage function so you can monitor your mobile usage per month. You may also opt to set a limit on your mobile data

usage.

: Your phone's calculations may differ from the accounting of your mobile network service provider. It is not advisable to rely **solely** on the phone's calculations.

Airplane Mode


It is also known as the "Flight Mode," which is advisable when riding aircrafts. This function, when turned ON, disables all wireless connection to any network. However, with the airplane mode, you can make use other functions of your device such as playing music, watching videos and capturing images and videos.

VPN

This allows you to set up and manage Virtual Private Networks (VPNs). Tap Add VPN to set up a VPN connection via the following settings:

- **Add PPTP VPN:** Set up a connection to a VPN with Point-to-Point tunneling protocol.
- **Add L2TP VPN:** Set up a connection to a VPN with Layer 2 tunneling protocol.
- **Add L2TP/IPSec PSK VPN:** Set up a connection to a VPN with pre-shared key-based Layer 2/IPsec tunneling protocol.

- **Add L2TP/IPSec CRT VPN:** Set up a connection to a VPN with Certificate-based Layer 2/IPsec tunneling protocol.


: You must set a lock screen pattern before you can use credential storage. To set up a lock screen pattern, settings, go to


 →  → **Security** → **Screen Lock** → **choose lock method.**

Tethering and Portable Hotspot



Tethering is a method for connecting a computer or other devices to the Internet via an Internet-capable mobile phone, such as this one.

It will share your phone's connection, making it a WLAN hotspot; however, network charges may apply, and you cannot use your

phone's W-Fi capability when it is working as a hotspot. Go to  →

 → **More** → **Tethering and Portable Hotspot.**

Disable the Wi-Fi Hotspot

Tap  →  → **More** → **Tethering & portable hotspot** → **un-tick the Portable Wi-Fi hotspot check box.**


Cellular Networks

The **Cellular** Networks Settings lets you control the settings of your subscriptions, and data settings as well. It also lets you enable or disable access over mobile networks and connect or disconnect to data services when roaming.

Under the **Device** category:

Display

In this sub-menu, you can change the settings for the phone's Lock screen, notifications, MiraVision, Wallpaper, Brightness level, Sleep, Daydream, Font size, When device is rotated

: Please note that there is another way to customize your phone's appearance i.e. change the wallpaper. On idle mode, tap and hold any clear part of the Home screen and a series of options on changing the wallpaper will appear. To change, just follow the prompt on the screen.

Sound & notification

This menu lets you customize your phone's settings to suit your activities, lifestyle and environment. The mobile phone is equipped with multiple user profiles that you can customize tones for incoming calls, messages. The phone is equipped with four (4) pre-set profile options: General, Silent, Meeting and Outdoor. Tap a profile to change its settings.

Storage

View and manage the data storage of your device:

Total Space and Available Space: Lists the amount of space on the phone storage installed in your device and the amount you have used to store photos, videos, music, and other files.

Available Space: The amount of internal phone storage used by the operating system, its components, applications (including those you downloaded), and their permanent and temporary data.

Battery

This sub-menu displays the status of your battery's power.

Apps

This sub-menu enables you to manage all the installed, running and saved applications in the phone memory and SD card.

Location

Your device supports Global Positioning System. The settings related to the location, EPO and AGPS can be configured using this sub-menu.

This allows apps to determine your location and use this to speed up process when searching for places using GPS and improving Google search results.

Security

This allows you to protect your device from unauthorized users by setting the PIN code or entering a password before being able to

access the phone.

Screen Lock

Please refer to Locking/Unlock your Phone

Disabling Screen Unlock Security

If you have created an voice unlock, unlock pattern, PIN or password, you can disable it.

Tap  →  → Security → Screen lock.

Draw the screen unlock pattern or enter your PIN/ password you have created if required.


Tap None.

Owner info

You can type text to display on the lock screen

Encrypt Phone

This requires a numeric PIN or password to decrypt your phone each time you switch it ON.



Note: Encryption takes an hour to accomplish. For more info, tap 

→  → Security → Encrypt your phone.

Set up SIM Card Lock

This prevents unauthorized individuals from using your SIM card.

The SIM Card lock feature requires user to enter PIN to use phone.

To activate  →  → Set up SIM card Lock → Lock SIM Card

Protect Your Phone with a PIN or Password

Create a PIN or Password

Tap  →  → Security → Screen lock.

Tap PIN or Password.

Enter desired PIN or Password → Continue → Re-enter PIN or Password → OK

Accounts

Add account Contain Corporate and Email.

Language & Input

Use the Language & Keyboard settings to select the language for the text on your device and for configuring the onscreen keyboard.

You may also add words to your personal dictionary.

Backup & Reset

If activated, this sub-menu allows you to back-up your data, WLAN passwords and other settings to Google servers.

The Factory Data Reset erases all data in your phone's internal storage including your Google account, system and app data and

settings, downloaded apps, music, photos, other user data

To access this, go to  →  → **Backup & Reset** → **DRM reset**
/Factory Data Reset → **Reset Phone** → **Erase Everything**.

Date & Time

This lets you choose whether to automatically update your phone's date and time or otherwise. You may also automatically synchronize your phone's date and time according to your time zone.

In this sub-menu, you may also set the date, time, time zone, time and format.

Schedule power on & off

You can set time of boot or shutdown by touching it. You may also select to repeat it or a certain day during a week.

Accessibility

You can use the Accessibility settings to configure any plug-ins you have installed on your device. You may enable or disable the following services on your phone by marking/unmarking the following options' checkbox:

- TalkBack
- Switch Access
- Captions

- Magnification gestures
- Large text
- Power button ends call
- Auto-rotate screen
- Speak passwords
- Accessibility shortcut
- Text-to-speech output
- Touch & hold delay
- Quick boot
- Color inversion
- Color correction

Printing

You can use print service to print photo and document. But you must download a printer from play store.

Developer Options

This lets you view your Development Device ID and enable or disable the debug mode when USB is connected. Other options include:

Desktop backup password– Desktop full backups aren't currently protected

Stay awake – the screen will not be put to sleep mode while

charging

Enable Bluetooth HCI snoop log – Capture all Bluetooth HCI packets in a file

OEM unlocking – Allow the bootloader to be unlocked

Process Stats– Geeky stats about running processes

USB Debugging – Debug mode when USB is connected

Revoke USB debugging authorizations – Revoke access to USB debugging from all computers you've previously authorized?

Bug report shortcut – Show a button in the power menu for taking a bug report

Allow mock locations – Allow mock locations

Enable view attribute inspection

Select debug app– No debug application set

Wait for debugger – Debugged application waits for debugger to attach before executing.

Verify apps over USB – Check apps installed via ADB/ADT for harmful behavior.

Wireless display certification – Show options for wireless display certification

Enable Wi-Fi Verbose Logging – Increase Wi-Fi logging level, show per SSID RSSI in Wi-Fi Picker

Aggressive Wi-Fi to Cellular hand – When enabled, Wi-Fi will be more aggressive in handing over the data connection to Cellular, when Wi-Fi signal is low

Always allow Wi-Fi Roam Scans – Allow/Disallow Wi-Fi Roam Scans based on the amount of data traffic present at the interface

Logger buffer sizes – 256k per log buffer

Show touches – Shows visual feedback for touches

Pointer location – Screen overlay showing current touch data

Show surface updates – Flash entire window surfaces when they update

Show layout bounds– Show clip bounds,margins,etc.

Force RTL layout direction – Force screen layout direction to RTL for all locales

Window animation scale– Animation scale 1x

Transition animation scale–Animation scale 1x

Animator duration scale–Animation scale 1x

Simulate secondary displays – None

Force GPU rendering– Fore use of GPU for 2d drawing

Show GPU view updates– Flash views inside windows when drawn with the GPU

Show hardware layers updates– Flash hardware layers green when

they update

Debug GPU overdraw – Off/Show overdraw areas/Show areas for

Deuteranomaly

Debug non-rectangular clip operations – Off/Draw non-rectangular

clip region in blue/Highlight tested drawing commands in green

Force 4x MSAA–Enable 4x MSAA in OpenGL ES2.0 apps

Disable HW overlays– Always use GPU for screen compositing

Simulate color space

Use AwesomePlayer(deprecad) – Use AwesomePlayer instead of

NuPlayer for most media playback

Disable USB audio routing – Disable automatic routing to USB audio

peripherals

Show GPU overdraw– From best to worst:blue,green,lightred,red

Strict mode enabled – Flash screen when apps to long operations

on main thread

Show CPU Usage – Screen overlay showing current CPU usage

Profile GPU rendering – Measure rendering time in adb shell

dumpsys gfxinfo.


Enable OpenGL traces-None

Don't keep activities – Destroys every activity as soon as the user

leaves it

Background process limit – Standard limit

Show all ANRs – ShowApp Not Responding dialog for background apps

: You must go to About Phone->Build number, tapping five times in a row, back to the previous page, the developer options will appear.

About Phone

This allows you to view system information including System updates, System software updates, Status, and your phone's specifications and legal information.



Applications for Claro.

SIM Claro

You can access the SIM Claro tool kit via this menu.



Claroideas

You can access the internet webpage via Portal ideas directly.



Claro

Claro apps is a container that collects famous Claro services. You can access any Claro services via this apps.

Mi Claro

You can access the Mi Claroservice via this menu

Claro apps

You can access the CLARO Apps service via this menu.

Claro música

You can access the CLARO music service via this menu



Clarojuegos

You can enjoy the CLARO games via this menu



ClaroVideo

You can access the ClaroVideo service via this application



6. Important Safety Precautions

This mobile phone meets quality standards set by national authorities and complies with safety requirements on harmless human exposure to radio waves.

Kindly read the following guidelines before using your wireless phone. Utmost compliance with these precautions is highly recommended for your safety.

Non-compliance may pose danger to you and your mobile phone, and may be illegal.

General Precautions

- Use only authorized accessories and batteries by the manufacturer. The use of incompatible batteries and accessories may cause battery leaks, overheating, rupture or fire. This may also nullify your warranty.

- Do not put the battery, phone and charger in a high-pressure container or microwave, as this may result in circuit damage or fire.
- Do not use the mobile phone near flammable and explosive materials. Doing such may cause explosion or fire.
- Do not store the phone in areas with high temperature as this can cause extensive damage to the handset.
- Keep the phone out of children's reach.



Do not use your phone while driving. Keep your hands free when operating a moving a vehicle and observe road safety rules and traffic regulations to avoid unfortunate incidents.



If you are with a pacemaker, make sure to use your phone at least 20 centimeters away from the medical device as it may interfere with its function. Consult your physician for more information.

Phone

- DO turn off your mobile phone inside aircrafts, hospitals and other locations where its use is restricted. Use of handsets in prohibited areas is dangerous as it may cause interference in the operation of electrical and medical equipment.

- DO keep your mobile phone away from moisture. Contact with water or any liquid may cause the phone to malfunction and overheat.
- DON'T disassemble or remodel your phone as this may cause permanent and irreparable damage. This may also void your mobile phone's warranty.
- DON'T use sharp or pointed objects in pressing you phone's keys as this can cause damage.
- DON'T use your handset if you notice any damage (e.g. broken antenna) as this may cause injury to the user.

Battery

- Each phone is equipped with a rechargeable battery. Use only authorized batteries and accessories.
- For better performance and longer battery life, initial charging of at least four (4) hours is recommended when using the mobile phone for the first time.
- The optimum performance of a new battery is achieved only after two or three complete charge and discharge cycles. Overcharging, however, may affect battery life.

- Do not use a damaged battery or charger. If battery life becomes noticeably shorter than usual, it is recommended to replace it with a new one.
- While charging, keep the mobile phone out of children's reach.
- Store the battery in a cool and dry place away from direct sunlight, dust and water.
- Avoid exposing batteries to extreme temperature (below -10°C (14°F) or above 45°C (113°F)).
- Unplug the charger from the electrical outlet when not in use.
- Avoid using the charger in a wet environment. If the charger comes in contact with water or any form of liquid, immediately unplug it from the outlet to reduce the risk of overheating, charger malfunction, electric shock or fire.
- Be careful with the disposal of spent batteries. Avoid throwing them in a fire, as this may cause explosion. It is recommended to abide by local environmental laws and guidelines on proper waste disposal.
- Do not short-circuit the batteries (i.e. when metal objects such as coins, are directly connected to the metal side of the

battery) as this will damage your phone. It is advisable to handle spare batteries with extra care.

Cleaning and Maintenance

- The handset, battery and charger are not water-resistant and should always be kept dry. Avoid using them in excessively moist areas.
- Use a soft, dry cloth to clean the handset, battery and charger.
- Do not use alcohol, thinner, benzene or other solvents to clean the handset.
- Avoid charging the mobile phone through a dirty outlet as this causes poor electrical contact and results in power lost and charging failure.

7. Troubleshooting

Below is a list of common problems that may occur when using your mobile phone. Before running to Service Center, you may want to troubleshoot the issues first in order to save time and energy.

For better performance, it is recommended to always fully charge your battery.

Avoid storing too much data in the phone as this may affect its performance.

1. Phone does not switch on

- Press and hold the end key until image appears on the display.
- Check the battery charge level.
- Remove and insert the battery, and switch your phone on again.

2. Phone does not respond for several minutes

- Press and hold the end key.
- Remove and insert the battery, and switch your phone on again.


3. The phone switches off by itself

- Check if the keypad is locked when left unused.
- Check the battery charge level.

4. The battery won't charge

- Make sure the battery is not fully drained.
- Make sure that the battery is inserted correctly.
- Use only approved batteries and chargers.

- Double check if the charger connector is properly connected to the mobile phone or not.

: The charger can be connected only after the battery is inserted.

5. Standby time is too short

- Standby time has something to do with the system settings of your local network service provider. Switch your phone off in a weak signal area.
- In some cases, you might need to replace the battery.

6. Cannot connect to a network

- Move to an area with better coverage.
- Contact your local network service provider.
- Try to manually select a network.

7. SIM Error

- Make sure that SIM card is properly inserted in its intended spot.
- Make sure that the chip in the SIM card is not damaged or the SIM card is not scratched.
- Check the coverage of your local network service provider if you appear to be out of coverage or have weak signal. You may opt to move near a window.

8. Cannot make calls

- Make sure that the number you dialed is correct and the dial key has been pressed.
- Use the full national area code.
- When abroad, use country-specific international access codes

9. Cannot receive calls

- Make sure that your phone is connected to a network (Check if the network is busy or invalid).
- Check the Call Diverts settings.
- Check the Incoming Call Barring settings.

10. The caller's number is not displayed

- Contact your local network service provider as the caller might have withheld his or her number.

11. Entries cannot be made in Phonebook.

- Check if the Phonebook is full. If so, you may have to delete some records in order to accommodate new ones.

12. The caller cannot leave a voicemail message

- Contact your local network service provider
- Make sure that the voice mail number you have saved is correct.

- If the network is busy, try again after a few minutes.
13. Messages cannot be sent/received
- You may have to delete some old or saved messages, as the message capacity of the phone is limited.
 - Contact your local network service provider and verify your service center number.
14. PIN is entered incorrectly three times
- Enter the PUK code (PIN Unlock Code). This code usually comes with the SIM card upon purchase. Otherwise, contact your local service provider.

FCC Warning:

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

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

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.

The SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue.

Device types SG402 (FCC ID: N2GSG402) has also been tested against this SAR limit. The highest reported SAR values for head, body-worn accessory, and product specific (Hotspot) are 0.72 W/kg, 0.72 W/kg, and 0.90 W/kg respectively. The Max simultaneous SAR is 1.09W/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.