

ASTRO
Mobile Phone
User Manual

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For Your Safety

General Safety

	Don't make or receive handheld calls while driving. And never text while driving.		Don't use at petrol stations.
	Keep your phone at least 10 mm away from your ear or body while making calls.		Your phone may produce a bright or flashing light.
	Small parts may cause a choking.		Don't dispose of your phone in fire.
	Your phone can produce a loud sound.		Avoid contacting with anything magnetic.
	Keep away from pacemakers and other electronic medical devices.		To prevent possible hearing damage, do not listen at high volume levels for long periods.
	Avoid extreme temperatures.		Switch off when asked to in hospitals and medical facilities.
	Avoid contacting with liquids. Keep your phone dry.		Switch off when told to in aircrafts and airports.

	Don't take your phone apart.		Switch off when near explosive materials or liquids.
	Only use approved accessories.		Don't rely on your phone for emergency communications.

Distraction

Driving

Full attention must be given to driving at all times in order to reduce the risk of an accident. Using a phone while driving (even with a hands free kit) can cause distraction and lead to an accident. You must comply with local laws and regulations restricting the use of wireless devices while driving.

Operating Machinery

Full attention must be given to operating the machinery in order to reduce the risk of an accident.

Product Handling

General Statement on Handling and Use

You alone are responsible for how you use your phone and any consequences of its use.

You must always switch off your phone wherever the use of a phone is prohibited. Use of your phone is subject to safety measures designed to protect users and their environment.

- Always treat your phone and its accessories with care and keep it in a clean and dust-free place.
- Do not expose your phone or its accessories to open flames or lit tobacco products.
- Do not expose your phone or its accessories to liquid, moisture or high humidity.
- Do not drop, throw or try to bend your phone or its accessories.
- Do not use harsh chemicals, cleaning solvents, or aerosols to clean the device or its accessories.
- Do not paint your phone or its accessories.
- Do not attempt to disassemble your phone or its accessories, only authorized personnel can do so.
- Do not expose your phone or its accessories to extreme temperatures, minimum - [20] and maximum + [60] degrees Celsius.
- The phone's normal operating temperature is 0°C ~ 45°C .In order to ensure the normal phone functions, do not use this phone outside the temperature range.
- Please check local regulations for disposal of electronic products.
- Do not carry your phone in your back pocket as it could break when you sit down.

- Use careful with the earphone maybe possible excessive sound pressure from earphones and headphones can cause hearing loss.

Small Children

Do not leave your phone and its accessories within the reach of small children or allow them to play with it.

They could hurt themselves or others, or could accidentally damage the phone.

Your phone contains small parts with sharp edges that may cause an injury or may become detached and create a choking hazard.

Demagnetization

To avoid the risk of demagnetization, do not allow electronic devices or magnetic media close to your phone for a long time.

Electrostatic Discharge (ESD)

Do not touch the SIM card's metal connectors.

Antenna

Do not touch the antenna unnecessarily.

Normal Use Position

When placing or receiving a phone call, hold your phone to your ear, with the bottom towards your mouth.

Air Bags

Do not place a phone in the area over an air bag or in the air bag deployment area.

Store the phone safely before driving your vehicle.

Seizures/ Blackouts

The phone can produce a bright or flashing light.

Repetitive Motion Injuries

To minimize the risk of RSI when texting or playing games with your phone:

- Do not grip the phone too tightly.
- Press the buttons lightly.
- Use the special features which are designed to minimize the times of pressing buttons, such as Message Templates and Predictive Text.
- Take lots of breaks to stretch and relax.

Emergency Calls

This phone, like any wireless phone, operates using radio signals, which cannot guarantee connection in all conditions. Therefore, you must never rely solely on any wireless phone for emergency communications.

Loud Noise

This phone is capable of producing loud noises, which may

damage your hearing. Turn down the volume before using headphones, Bluetooth stereo headsets or other audio devices.

Phone Heating

Your phone may become warm during charging and during normal use.

Electrical Safety

Accessories

Use only approved accessories.

Do not connect with incompatible products or accessories.

Take care not to touch or allow metal objects, such as coins or key rings, to contact or short-circuit in the battery terminals.

Connection to a Car

Seek professional advice when connecting a phone interface to the vehicle electrical system.

Faulty and Damaged Products

Do not attempt to disassemble the phone or its accessory.

Only qualified personnel can service or repair the phone or its accessory.

If your phone or its accessory has been submerged in water, punctured, or subjected to a severe fall, do not use it until you

have taken it to be checked at an authorized service centre.

Interference

General Statement on Interface

Care must be taken when using the phone in close proximity to personal medical devices, such as pacemakers and hearing aids.

Pacemakers

Pacemaker manufacturers recommend that a minimum separation of 15 cm be maintained between a mobile phone and a pacemaker to avoid potential interference with the pacemaker. To achieve this, use the phone on the opposite ear to your pacemaker and do not carry it in a breast pocket.

Hearing Aids

People with hearing aids or other cochlear implants may experience interfering noises when using wireless devices or when one is nearby.

The level of interference will depend on the type of hearing device and the distance from the interference source, increasing the separation between them may reduce the interference. You may also consult your hearing aid manufacturer to discuss alternatives.

Medical Devices

Please consult your doctor and the device manufacturer to determine if operation of your phone may interfere with the operation of your medical device.

Hospitals

Switch off your wireless device when requested to do so in hospitals, clinics or health care facilities. These requests are designed to prevent possible interference with sensitive medical equipment.

Aircraft

Switch off your wireless device whenever you are instructed to do so by airport or airline staff.

Consult the airline staff about the use of wireless devices on board the aircraft. If your device offers an 'Airplane mode', this must be enabled prior to boarding an aircraft.

Interference in Cars

Please note that because of possible interference to electronic equipment, some vehicle manufacturers forbid the use of mobile phones in their vehicles unless a hands-free kit with an external antenna is included in the installation.

Explosive Environments

Petrol Stations and Explosive Atmospheres

In locations with potentially explosive atmospheres, obey all posted signs to turn off wireless devices such as your phone or other radio equipment.

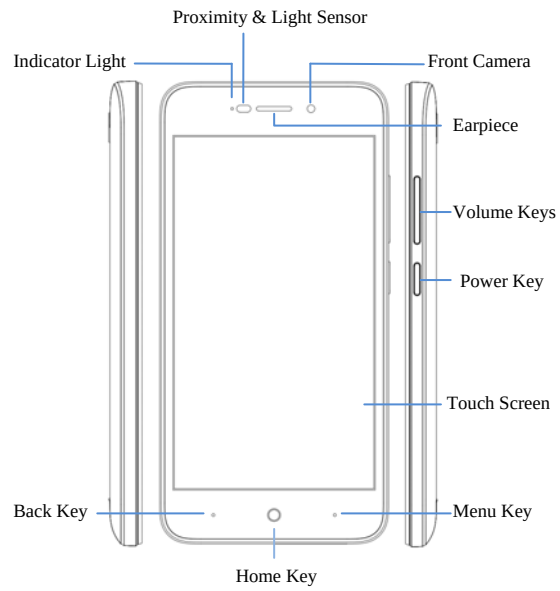
Areas with potentially explosive atmospheres include fuelling areas, below decks on boats, fuel or chemical transfer or storage facilities, areas where the air contains chemicals or particles, such as grain, dust, or metal powders.

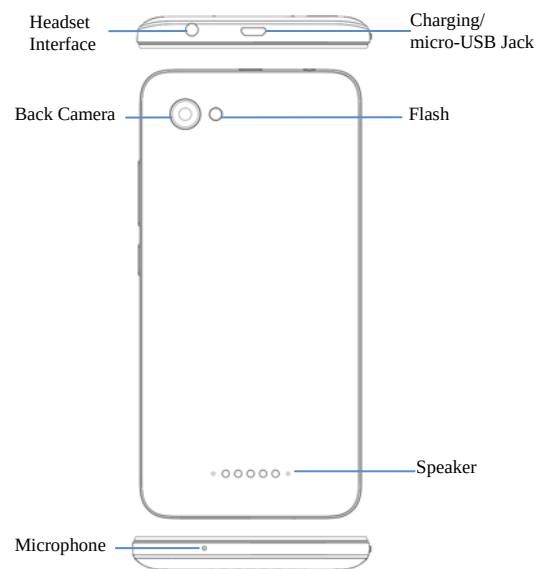
Blasting Caps and Areas

Power off your mobile phone or wireless device when in a blasting area or in areas posted power off "two-way radios" or "electronic devices" to avoid interfering with blasting operations.

Getting Started

Overview





Keys Explained

Key	Function
Power Key	• Press and hold to turn on or off airplane mode, reboot, turn on or off vibration or sound, or power off. • Press to turn off or on the screen display.
Home Key	• Touch to return to the home screen from any application or screen. • Touch and hold to use Google Search.
Back Key	Touch to go to the previous screen.
Menu Key	Touch and hold to see recently used apps.
Volume Keys	Press or hold either end of the key to turn the volume up or down.

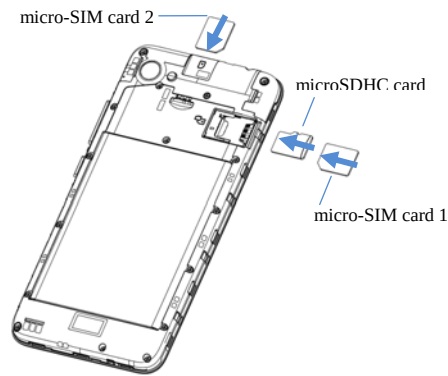
Starting up

Installing the micro-SIM Card and the microSDHC™ Card

Power off your phone before installing or removing the micro-SIM card. The microSDHC card (optional, not included) can be installed or removed while the phone is turned on. You need to unmount the microSDHC card before removing it.

WARNING!

To avoid damage to the phone, do not use any other kind of SIM cards, or any non-standard micro-SIM card cut from a SIM card. You can get a standard micro-SIM card from your service provider.



NOTE:

The two SIM card slots can both support 4G network, but when one SIM card is using 4G/3G/2G network, while the network of another SIM card will become 2G only automatically.

You can change the SIM card referred type of network manually.

Charging the Battery

Your phone's battery should have enough power for the phone to turn on, find a signal, and make a few calls. You should fully charge the battery as soon as possible.

If the battery is low, there will be a pop-up message on the screen. As you charge your phone, the lock screen will show you the exact battery level on the status bar.

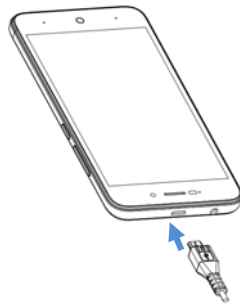
WARNING!

Use only approved chargers and cables. The use of unapproved accessories could damage your phone or cause the battery to explode.

CAUTION:

Do not change the built-in rechargeable battery in your phone by yourself. The battery can only be changed by authorized service provider.

1. Connect the adapter to the charging jack. Ensure that the adapter is inserted with the correct orientation. Do not force the connector into the charging jack.



2. Connect the charger to a standard AC power outlet. If the phone is on, you'll see a charging icon, such as , appear on the status bar.
3. Disconnect the charger when the battery is fully charged.

 NOTE:

If the battery is extremely low, you may be unable to power on the phone even when it is being charged. In this case, try again after charging the phone for at least 20 minutes. Contact the customer service if you still cannot power on the phone after prolonged charging.

Powering On/Off

Make sure the SIM card is in your phone and the battery is charged.

- Press and hold the **Power Key** to turn on your phone.
- To switch it off, hold **Power Key** to open the options menu and touch **Power off > OK**.

Setting Up for the First Time

When you first power on your phone after you purchase it or reset it to factory settings, you need to do some settings before using it.

Touch the language field to select the language. Then follow the prompts to set up Language, Wi-Fi, Date & time and other options.

Waking Up Your Phone

1. Press **Power Key** to activate your screen display.
2. Swipe  up to unlock.

NOTE: If you have set an unlock pattern, PIN or password for your phone. You'll need to draw the pattern or enter the PIN/password to unlock your screen.

Getting Around Your Phone

Touch Control

You can use finger gestures to control your phone. The

controls on your touch-screen change dynamically depending on the tasks you're performing.

1. Touch the buttons, icons, or applications to select items or to open applications.
2. Flick the screen to scroll up, down, left or right.
3. Hold and drag to move particular items across the screen.
4. Double-tap the screen to zoom in/out an image. Pinch on with two fingers to zoom in/out a web page.

Home Screen

In the Home screen, besides the shortcut icon is displayed, you can also set your own wallpaper, add the widgets or application shortcuts you need, or remove them as you like.

Extended Home Screen

The Home Screen extends beyond the screen width, giving you loads more space to add more stuff. Simply slide your finger to the left or right.

Choosing Your Wallpaper

1. Press **Home Key** to return to the Home Screen.
2. Swipe up on the home screen to open the editing panel and select **Wallpaper**.
3. Choose the image or animation you want to use as the wallpaper. Some cropping may be needed for Gallery images.
4. Touch **SAVE**.

Removing Items from Your Home Screen

1. Press **Home Key** to return to the Home Screen.
2. Touch and hold the item you want to delete until the **Uninstall** appears on the screen.
3. Drag the item to the remove icon and release your finger when the item turns red.

Status and Notification Icons

Your phone will tell you exactly what's going on by showing you simple icons. Here's what they mean.

	USB debugging on		Missed call
	Airplane mode		Bluetooth icon
	New Wi-Fi network detected		New message
	Battery charge		Connected to a Wi-Fi® network
	Song playing		Wired headset connected
	Alarm set		Vibration on
	Signal strength		No signal

Using the Notification Panel

Flick the status bar downwards from across the top of the screen to open the Notification Panel, where you can see

your calendar events, new Messaging, and current settings – such as call forwarding or call status. From here you can also open new Messaging, reminders, etc.

Phone Calls

Making Calls

There are many ways to make a call with your phone. And they're all easy to do.

Calling from the Phone

1. Touch  on the Home Screen.
2. Touch  and enter the phone number with the dialpad.
3. Touch  to delete incorrect digits.
4. Touch  below the keypad to dial.

NOTE:

To make an international call, touch and hold the 0 key to enter the plus (+) symbol. Next, enter the country code, followed by the city/area code and then the phone number.

Calling from Your Contacts

1. Press **Home Key > Contacts**.
2. Slide your finger to scroll the contacts list and touch the contact you want to call.
You can search for a contact by tapping  on the top of the screen.

3. Call the contact.

Calling from Your Call History

1. Press **Home Key** >  >  (in the top search field) > **Call History**.
2. Touch the call log to dial the number.

Calling from a Text Message

If a text message contains a phone number that you want to call, you can make the call while viewing the text message.

1. Press **Home Key** > .
2. Touch the conversation and then find the message that contains the phone number you need.
3. Touch the message, the phone will list the options.
4. Touch the dial icon.

Receiving Calls

Answering a Call

Touch the  **ANSWER** icon to answer the call.

Rejecting a Call

Touch the  **DISMISS** icon to reject the call.

Muting a Call

During a call, you can mute your microphone so that the person you are speaking to cannot hear you, but you can still hear them.

Tap  to turn your microphone off. To turn your microphone back on, tap  again.

Turning the Speakerphone On/Off

Tap  during a call to turn the speakerphone on. Tap  again to turn off the speakerphone.

Ending a Call

Tap  to finish a call.

Call settings

1. In the standby screen, Click on common functional areas.
Open the dialer interface  into dialing.
2. Click the  (in the top search field) > **Settings** > **Calling accounts** > Carrier name.
 - **Voicemail:** Voice mail service and number.
 - **Service:** Select the voice mail service.
 - **Setup:** Set voicemail number.
 - **Sound:** Set default sound.
 - **Vibrate:** Turn on or off vibration.

- **Fixed dialing numbers:** Enable / disable fixed dialing, Change PIN2 and manage fixed dialing list.
- **Call forwarding:** Set up call forwarding options.
- **Call barring:** Set limit outgoing and incoming.
- **Additional settings:** Set the Caller ID and call waiting situation.

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 see your contacts, Press **Contacts**.

Creating a Contact

1. Touch  to add a new contact.
2. Touch the account field above the Name field to choose where to save the contact. If a sync account is selected, the contacts will be synced automatically with your account online.
3. Enter the contact name, phone numbers, email addresses, and other information.
4. Touch  to save the contact.

Searching for a Contact

1. Touch  on the top of the Contacts Screen.

2. Input the contact name you want to search for. The contacts matched will be listed.

Messaging

Your SMS (text message) and MMS (multimedia messaging service) are combined into one menu in **Home Key** > .

The Message Box

Instead of an inbox and outbox, your phone organizes all Messaging you sent and received into one box, where Messaging exchanged with the same number are grouped into one message thread in the Messaging Screen. You can tap a thread to see the conversation you have had with someone.

Sending a Message

1. Press **Home Key** > .
2. Touch  to create a new message.
3. Enter the recipient's number or name. As you type, matching contacts will appear. Touch a suggested contact to add as a recipient. You can also touch  to select recipients from the contacts.
4. Touch **Type text message** and type your message.
 - Touch  to insert quick text, insert contact or Add subject or Discard.
 - If you are sending an MMS, tap  to add subject, or

touch  to attach pictures, videos, audio, or slideshow.

5. Touch  to send your message.

NOTE: Add an attachment to text message and it will be converted into an MMS automatically. Likewise if you remove all attachments and the subject from an MMS, it'll automatically become a text message.

Message Settings

The phone's message settings are pre-configured for you to use immediately. To change them, touch  > **Settings** from the Messaging Screen.

NOTE: From SMS settings screen touch  > **Restore default settings** to change all the message settings back to the original.

Touch Input Settings

Choose the touch input settings by touching **Settings > Language & input** from Home Screen.

In the **Keyboard & input methods** section, you can choose the settings that you need.

Adding a New Network Connection

To get connected via your mobile network you need a data

plan with your service provider. Also if the networks settings are not pre-configured on your phone, please contact your provider to get the necessary information.

You can view settings by pressing **Settings > More > Cellular networks > Access Point Names**.

Turning On Wi-Fi

Wi-Fi provides wireless Internet access over distances of up to about 300 feet.

1. Press **Home Key > Settings > Wi-Fi**.
2. Click  next to the Wi-Fi menu to turn it on, click  you can turn off the Wi-Fi function.

Connecting to a Wi-Fi Network

1. Press **Home Key > Settings > Wi-Fi**.
When the Wi-Fi is on, the Wi-Fi access points, or "hotspots", that your phone has detected are displayed with their names and security settings.
2. Touch an access point to connect to it.

NOTE: If security features are implemented, you'll need to enter a password.

Checking the Wi-Fi Network Status

You can check the Wi-Fi network by looking at the  icon in the status bar.

Tethering & portable hotspot

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

Enabling USB tethering

TIPS: The PC accesses the Internet via the phone's mobile network. Therefore, set up the networks connection correctly before you try to use the phone as a modem.

Press **Home Key > Settings > More > Tethering & portable hotspot > USB tethering** and Click  next to turn it on.

Disabling USB tethering

Press **Home Key > Settings > More > Tethering & portable hotspot > USB tethering** and Click  next to turn it off.

You can also just pull out the USB cable.

Enabling the Wi-Fi Hotspot

You can use the phone as a portable WLAN router, to share your phone's internet connection with one or more PC or other devices.

NOTE:

When the portable Wi-Fi hotspot function is enabled, you can't use your phone's applications to access the internet via its Wi-Fi connection.

You can configure the Wi-Fi hotspot as follows:

1. Press **Home Key > Settings > More> Tethering &**

portable hotspot > Wi-Fi hotspot and turn on the switch.

2. Touch Configure **Set up Wi-Fi hotspot** to set up & manage portable Wi-Fi hotspot.

Disabling the Wi-Fi Hotspot

Press **Home Key > Settings > More > Tethering & portable hotspot > Wi-Fi hotspot** and turn off the portable Wi-Fi hotspot switch

Browsing the Internet

You can use your phone to get on the Internet via a network or Wi-Fi connection.

1. Press **Home Key > Ume Browser**.

There are different ways to open web pages:

- Touch the address bar to enter the website you want to browse. Then enter the website.
- Touch  > **Bookmarks** and select a bookmark or history to open.

Browsing Options

When you browse the Web, you can also do the following:

- Press  > **Exit** to exit.
- Press  > **Bookmarks** and select a bookmark or history to open.
- Press  > **Settings** to configure browser settings.

Using Bookmarks

If you know the Web address, you can manually add bookmarks.

To bookmark a web page, open it and touch  > **Add to bookmarks**. Give the bookmark a name and save it.

Editing a Bookmark

1. Open a Browser window.
2. Touch  > **Bookmarks**.
3. Select an item you want to edit and hold on it until the shortcut menu pops up.
4. Select **Edit bookmark**.
5. Edit the name or location, and then tap **OK** to save it.

Deleting a Bookmark

1. Open a Browser window.
2. Touch  > **Bookmarks**.
3. Select an item you want to delete and hold on it until the shortcut menu pops up.
4. Select **Remove bookmark** and touch **OK** to confirm.

Changing Browser Settings

Touch  > **Settings** from a browser window to change browser settings.

Bluetooth

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.

1. Press **Home Key > Settings>Bluetooth**.
2. Click  next to the Bluetooth menu to turn it on, When Bluetooth is on, the  icon will appear in the status bar.
3. Touch **Bluetooth**. Your phone will show all visible Bluetooth devices in range.
4. Touch 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.

Making the Most of Multimedia

Taking Pictures with Your Camera

Your phone has camera function. Open it by pressing **Home Key > Camera**.

Touch  to take a shot. To view it, just touch the picture in the lower right corner of the screen.

NOTE: Before taking a picture, click the corresponding icon on

camera screen to complete the camera-related settings.

Shooting Video with Your Camcorder

Open the camcorder by pressing **Home Key > Camera > touch** 

Touch  to start shooting, touch  to pause, tap  to continue shooting, tap  to end the video.

Select the picture in the lower right corner of the screen to view the video you've just shot.

Listening to Your FM Radio

With the FM Radio, you can search for radio channels, listen to them, and collect them to your phone. Note that the quality of the radio broadcast depends on the coverage of the radio station in your area. The wired headset works as an antenna, so always connect the headset when using the radio.

- To tune in, plug your headset into your phone. Press **Home Key > FM Radio**.

Playing Your Music

You can play digital audio files from your phone's memory card in **Music**. Before playing music, you need to copy music files to memory card location.

1. Press **Home Key > Music** to open the music screen.
2. Click the music files to start playing.

3. Adjust the volume with **Volume Keys**.

Opening Your Gallery

Press **Home Key > Gallery**. You can use **Gallery** to view pictures and play videos. You can also do some basic editing of your pictures – such as setting them as wallpaper or contact photo, and sharing with friends.

Making Voice Memos

Sound Recorder enables you to record your voice memos.

1. Press **Home Key > Sound Recorder**.
2. Touch  to start recording.
3. Touch  to stop recording and save the voice.
4. Touch  to play back the voice recording.
5. Touch  > **OK** to delete the recording.

Using Your Google Applications

Signing in to your Google Account lets you synchronize Gmail, Calendar, and Contacts between your phone and the web. And if you don't have an account, you can easily create one.

1. Touch a Google application that needs a Google account, such as **Play Store**.
2. If you've got a Google account, touch **Enter your email**, then touch **NEXT**, enter your password. (Or touch **OR CREATE A NEW ACCOUNT** if you don't have a Google

account.)

Gmail

Gmail is a web-based email service that's configured when you sign in to your Google account. Depending on your synchronization settings, the Gmail on your phone can be automatically synchronized with your Gmail account on the web. This is how to enter Gmail:

Open **Gmail** by Pressing **Home Key > Google> Gmail**.

Using Google Hangouts

Google **Hangouts** is Google's instant messaging program, which enables you to communicate with other people who also use it. Press **Home Key > Google > Hangouts**

Sorting out Your Phone Settings

Setting Date and Time

1. Press **Home Key > Settings > Date & time**.
2. Touch the **Automatic date & time** and select **Off** if you want to set the time and date by yourself.
3. Set date, time and change the other options.

Display Settings

Press **Home Key > Settings > Display**, you can adjust the display settings as you like:

- **Wallpaper:** Choose wallpaper from gallery, live wallpapers and photos.
- **Brightness level:** Adjust brightness of the screen.
- **Sleep:** Set the delay for the screen to automatically turn off.

Sound Settings

By pressing **Home Key > Settings > Sound & notification**, you can select the profile, adjust the sound settings, such as ringtones, volume and vibrate.

Language Settings

You can change the language of your phone system in two simple steps.

1. Press **Home Key > Settings > Language & input > Language**.
2. Select a language from the list given.

Switching Network Modes

1. Press **Home Key > Settings > More > Cellular networks > Preferred network type**.
2. Select one of the following: **4G/3G/2G (auto)**, **3G/2G (auto)**, or **2G (only)**.

Switching Networks

1. Press **Home Key > Settings > More > Cellular**

networks > Network operators. The phone automatically searches for all available networks.

2. Touch a network to register manually, or touch **Choose automatically**.

Setting Access Point Names

To connect to the Internet you can use the default Access Point Names (APN). And if you want to add a new APN, please contact the service provider to find out more.

Press **Home Key > Settings > More > Cellular networks > Access Point Names**.

Security Settings

Here's how to protect your phone and SIM card from unauthorized use.

Protecting Your Phone with a Pattern

Creating Your Screen Unlock Pattern

1. Press **Home Key > Settings > Security > Screen lock > Pattern > CONTINUE**.
2. Drag your finger to connect at least four dots, draw the pattern.
3. Touch **CONTINUE**.
4. Redraw your pattern to confirm.
5. Touch **CONFIRM**.

Unlocking the Screen with Your Pattern

1. Press **Power Key** to wake up the screen.
2. Draw the pattern you set to unlock the screen. If you make a mistake, please try again.

Protecting Your Phone with a PIN or Password

Creating a PIN or Password

1. Press **Home Key > Settings > Security > Screen lock**.
2. Tap **PIN** or **Password**.

Unlocking the Screen with Your PIN or Password

1. Press **Power Key** to wake up the phone.
2. Enter the PIN or password you set.

Disabling Screen Unlock Security

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

1. Press **Home Key > Settings > Security > Screen lock**.
2. Draw the screen unlock pattern or enter your PIN/ password you have created.
3. Tap **None**.

Protecting Your SIM Card with a PIN

Every SIM card comes with a PIN. The initial PIN is provided by your mobile phone carrier. It's best to lock your SIM card as soon as you can.

1. Press **Home Key > Settings > Security > Set up SIM card lock**.
2. Tick the **Lock SIM card** check box.
3. Enter the PIN you've been given and tap **OK**.

TIPS: If you enter the wrong SIM PIN more times than allowed, your SIM card will be locked and you cannot access the mobile phone network. Contact your operator for a PIN Unlock Key (PUK) to restore the SIM card.

Changing Your SIM PIN

You can change the PIN you've been given to one easier for you to remember and harder for others to guess.

1. Press **Home Key > Settings > Security > Set up SIM card lock**.
2. Make sure you already tick the **Lock SIM card** check box.
3. Touch **Change SIM PIN**.

Setting up Credential Storage

This lets you select applications to access secure certificates and other credentials.

Deleting Secure Credentials

1. Press **Home Key > Settings > Security**.
2. Touch **Clear credentials** to clear credentials.

Managing Your Device Memory

Press **Home Key > Settings > Internal storage & USB**.

Default write disk: The default option is to phone storage, the phone files are automatically saved in the phone storage, or manually select the SD card so that the files are saved in SD card.

You can view the space information of the SD card as well as the phone storage.

Privacy: Reset to Factory Settings

Press **Home Key > Settings > Backup & reset > Factory data reset > RESET PHONE > ERASE EVERYTHING.**

WARNING: All your personal information and downloaded applications on your phone will be erased after the resetting.

Applications

Press **Home Key > Settings > Apps.**

Installing an Application

You can install an application from the Play store (**Home Key > Play Store**).

You can also install a non-Marketing application if you have allowed the installation of it. Make sure that you select an application developed for your device and processor type before installing it.

1. Copy the application file to the SD card and install the card on your phone.
2. Press **Home Key > File Manager**, and open the folder

where the application file is.

3. Touch the file to start installation.
4. Read the installation instructions that come with the application and follow it to complete the setup.

NOTE: Please take your handset as the standard.

Removing an Application

1. Press **Home Key > Settings > Apps**.
2. Select the application you want to delete.
3. Touch **UNINSTALL** and **OK** to confirm.

Using the microSDHC Card as Portable or Phone Storage

You can use your microSDHC card as portable storage when there's already content such as your media and other files so that you don't lose them.

If your microSDHC card is new or doesn't have content you want to keep, you can also set it up as an extension of the phone storage, and this requires formatting that prevents the microSDHC card from working with other devices.

CAUTION:

As part of the phone storage, the microSDHC card may have data on it that is necessary for some apps to function normally. Therefore, do not remove or replace the card randomly.

Set Up the microSDHC Card as Portable Storage

When you install a microSDHC card that has not been used on your phone before, the phone will mount the card as portable storage by default.

You can also open the notification panel and touch the microSDHC card name, select **Use as portable storage** and then touch **NEXT > DONE**.

To remove the microSDHC card from your phone

If you need to remove the microSDHC card used as portable storage while the phone is on, you must unmount it first.

1. Touch the **Home Key > Settings > Internal storage & USB**.
2. Touch  next to the card name in the **Portable storage** section.
3. When the screen prompts the card is safely ejected, you can now remove it from the phone.

To erase and format the microSDHC card

1. Touch the **Home Key > Settings > Internal storage & USB**.
2. Touch the card name in the **Portable storage** section.
3. Touch  > **Settings** and then touch **Format**.
4. Touch **ERASE & FORMAT**.

 **CAUTION:**

The formatting procedure erases all the data on the microSDHC card, after which the files CANNOT be retrieved.

Set Up the microSDHC Card as Phone Storage

If your microSDHC card is new or doesn't have content you want to keep, you can format the card and use it as part of the phone storage. If you move the microSDHC card to another device, it'll be formatted before it can be used.

1. Touch the **Home Key > Settings > Internal storage & USB**.
2. Touch the card name in the **Portable storage** section.
3. Touch **i** > **Settings** and then touch **Format as internal**.
4. Touch **ERASE & FORMAT**.

CAUTION:

The formatting procedure erases all the data on the microSDHC card, after which the files CANNOT be retrieved.

5. The phone will prompt you to move your photos, files and other data from the internal storage to the microSDHC card. Select **Move now** or **Move later** and touch **NEXT**. Follow the onscreen instructions to continue.

To move data between the internal storage and the microSDHC card

With the microSDHC card as part of the phone storage, you can move your photos, files and other data between the internal storage and the card any time.

1. Touch the **Home Key > Settings > Internal storage & USB**.
2. Touch **Internal storage** or the microSDHC card name.
3. Touch  > **Migrate data**.
4. Touch **MOVE**.

 NOTE:

Whenever you move data between the internal storage and the microSDHC card, the destination is used to save new apps and personal data (such as photos and videos) and only the destination is accessible from a computer.

To remove the microSDHC card from your phone

If you need to remove the microSDHC card used as phone storage while the phone is on, you must unmount it first.

1. Touch the **Home Key > Settings > Internal storage & USB**.
2. Touch your card name below **Internal storage**.
3. Touch  > **Eject**.

 NOTE:

Before ejecting the card, ensure that you have moved data and apps to the internal storage.

4. Touch **EJECT**.
5. When the screen prompts the card is safely ejected, you can now remove it from the phone.

To reformat the microSDHC card as portable storage

If you no longer want to use your microSDHC card as phone storage, you can reformat the card as portable storage.

NOTE:

Before the formatting, ensure that you have moved data and apps to the internal storage.

1. Touch the **Home Key > Settings > Internal storage & USB**.
2. Touch your card name below **Internal storage**.
3. Touch  > **Format as portable**.
4. Touch **FORMAT**.

CAUTION:

The formatting procedure erases all the data on the microSDHC card, after which the files CANNOT be retrieved.

Managing Other Settings

Accessibility

You can configure accessibility options for accessibility-related applications by pressing **Home Key > Settings > Accessibility**.

Text-to-speech Output

You can set the text-to-speech and voice recognition options by pressing **Home Key > Settings > Language & input > Text-to-speech output**.

NOTE: You need to download voice data in order to use the text-to-speech function.

Other Applications

Alarms

1. Press **Home Key > Clock> Alarm** 
2. Tap the default alarm to configure it. Or to create a new alarm, touch .

Calculator

You can use the phone directly perform simple mathematical calculations.

1. Press **Home Key > Calculator**.
2. Click the button corresponding with the calculator display, perform basic arithmetic.

TIPS: Slide to left to use scientific calculation.

FCC Caution

1. 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.

2. Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
 - Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and receiver.
 - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
 - Consult the dealer or an experienced radio/TV technician for help.
3. Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Body-worn Operation

This device was tested for typical body-worn operations. To comply with RF exposure requirements, a minimum separation distance of 1.0 cm must be maintained between the user's body and the handset, including the antenna. Third-party belt-clips, holsters, and similar accessories used by this device should not contain any metallic components. Body-worn accessories that do not meet these requirements may not comply with RF exposure requirements and should be avoided. Use only the supplied or an approved antenna.