Rook from EE
User Manual

About this Manual

Thank you for choosing this EE mobile device. In order to keep your device in its best condition, please read this manual and keep it for future reference.

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Version No.: R1.0

Edition Time: June 4, 2015

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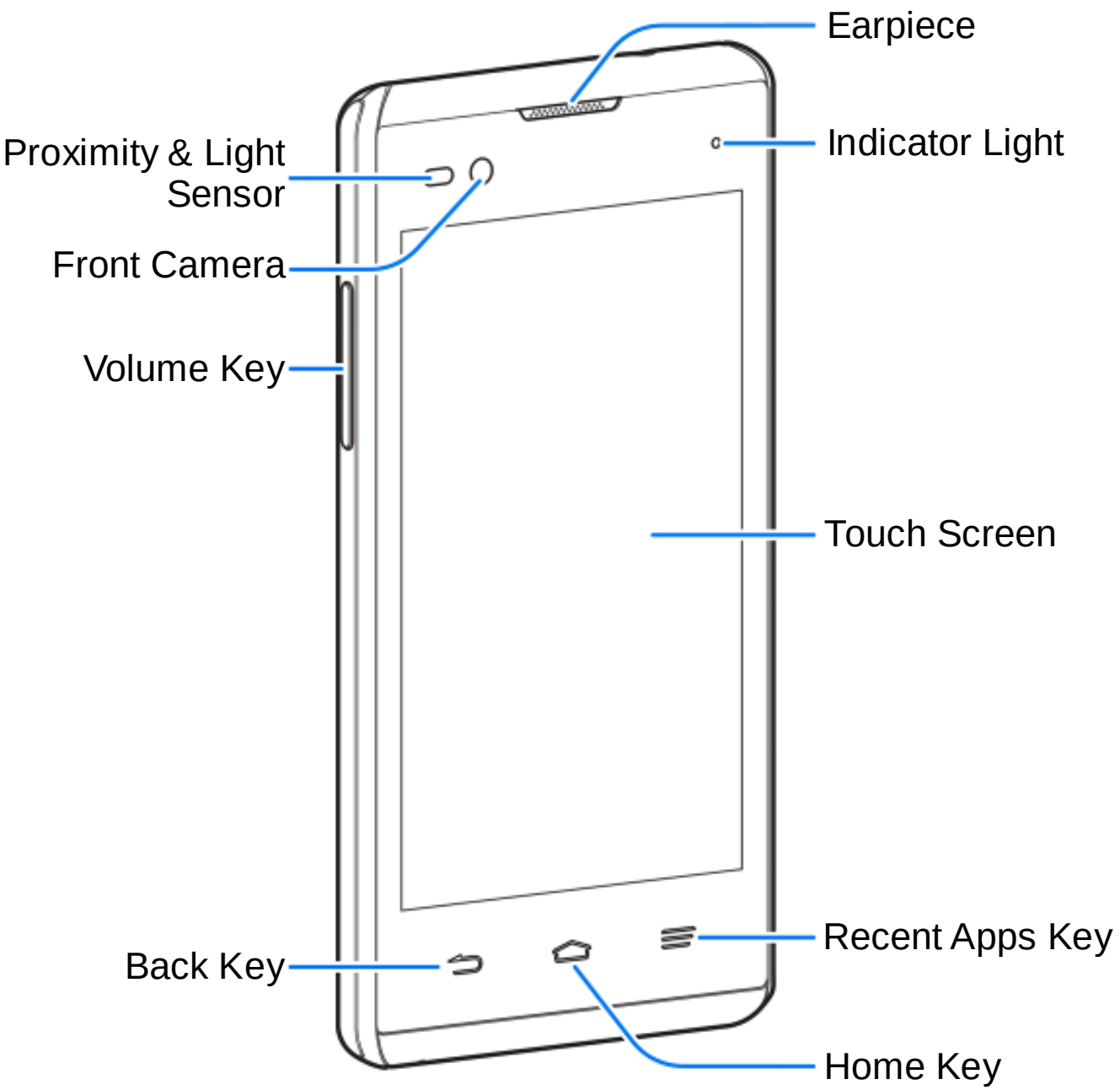
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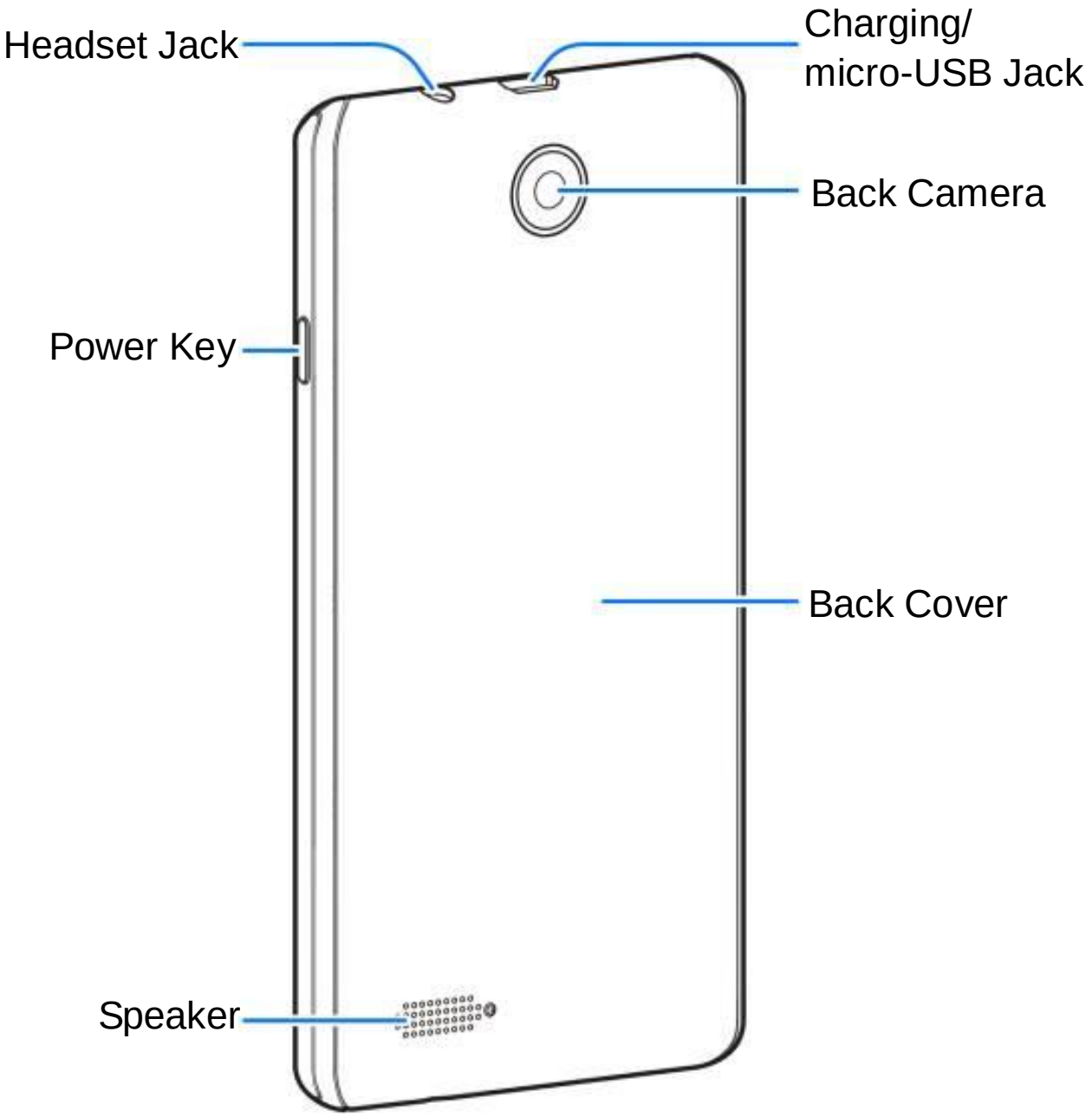
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Getting Started

Getting to Know Your Phone




Headset Jack
Charging/
micro-USB Jack
Back Camera
Power Key
Back Cover
Speaker

Knowing the Keys

Key	Function
Power Key	• Press and hold to turn on or off aeroplane mode, power off or restart the phone. • 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 open Google Search.
Back Key	Touch to go to the previous screen.
Recent Apps Key	• Touch to see recently used applications. • Touch and hold to view the options for the current screen.
Volume Key	• Press or hold either end of the key to turn the volume up or down. • Press when no media or phone call is in session to manage interruption settings.

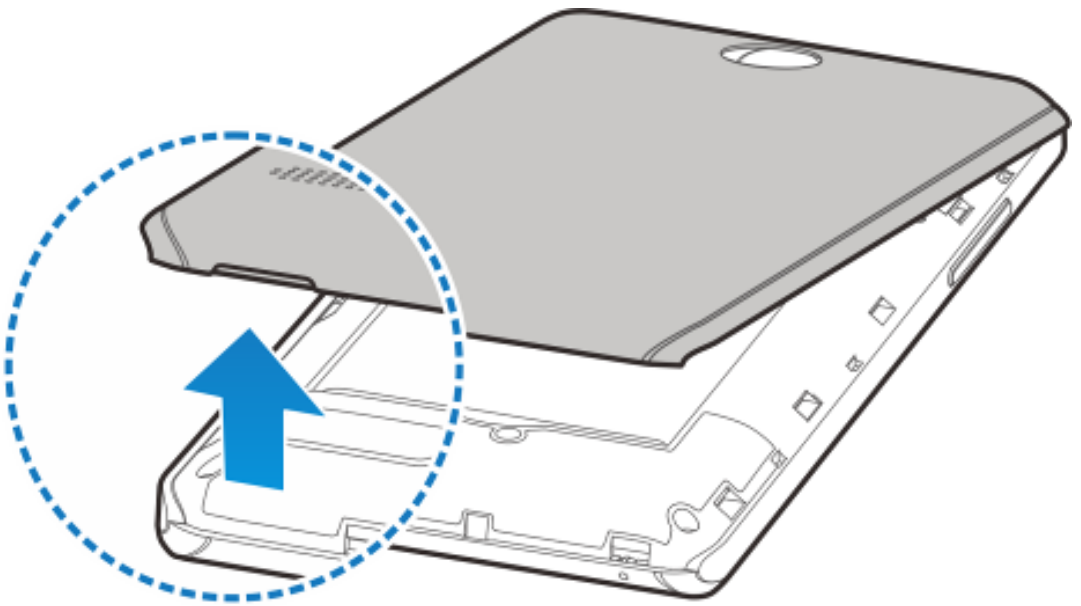
Installing the micro-SIM Card and Battery

Power off your phone and remove the battery before installing or removing the micro-SIM card. And power off your phone before removing or replacing the battery.

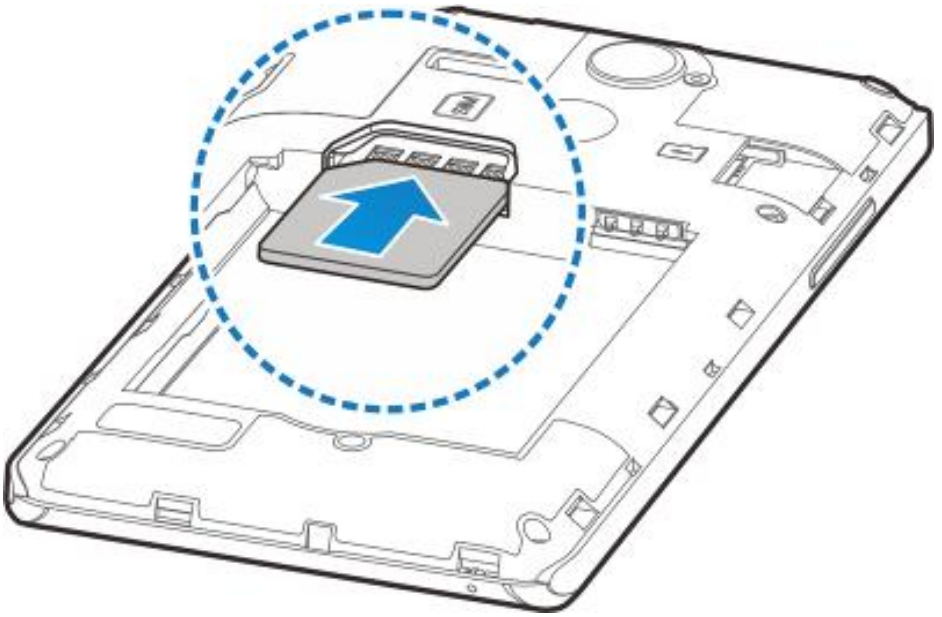
WARNING!

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.

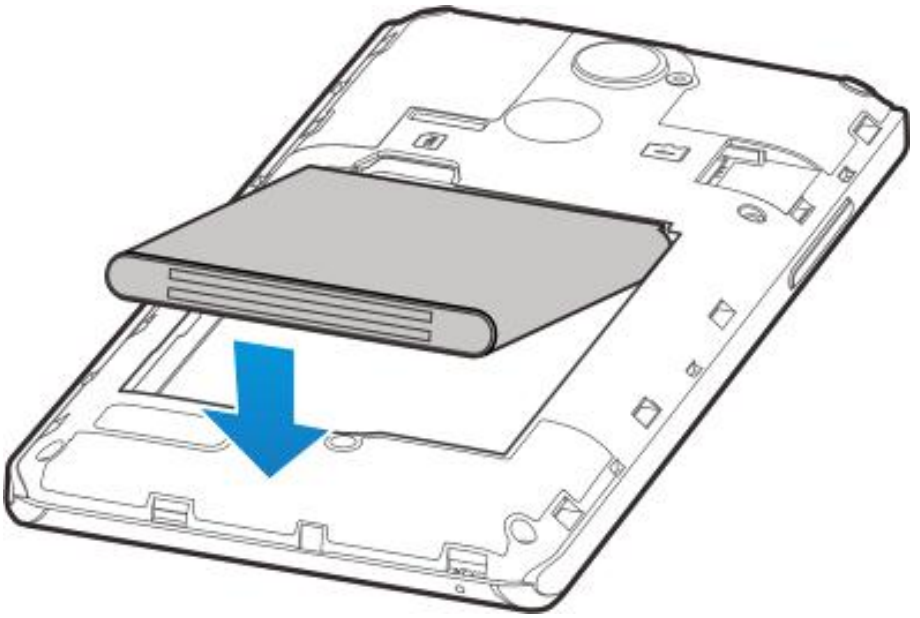
1. Insert your fingernail into the slot at the bottom left of the back cover and lift it up gently.



2. Hold the micro-SIM card with the cut corner oriented as shown and slip it into the card holder.



3. Insert the battery by aligning the metal contacts on the battery with the metal contacts in the battery compartment. Gently push down on the battery until it clicks into place.

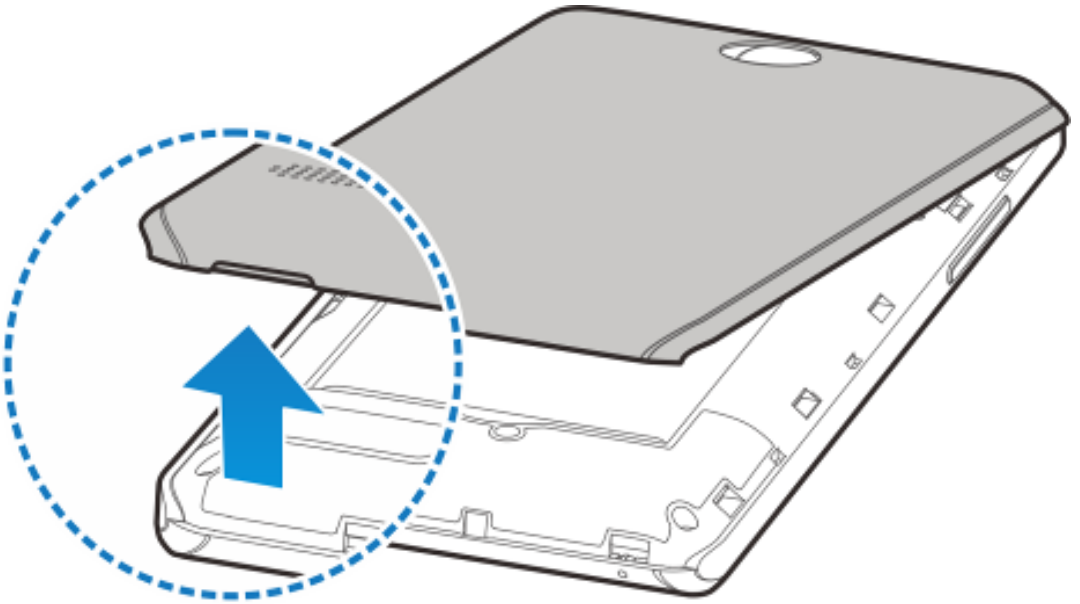


4. Align the back cover with the back of the phone and press the cover back into place. Ensure that all the tabs are secure and there are no gaps around the cover.

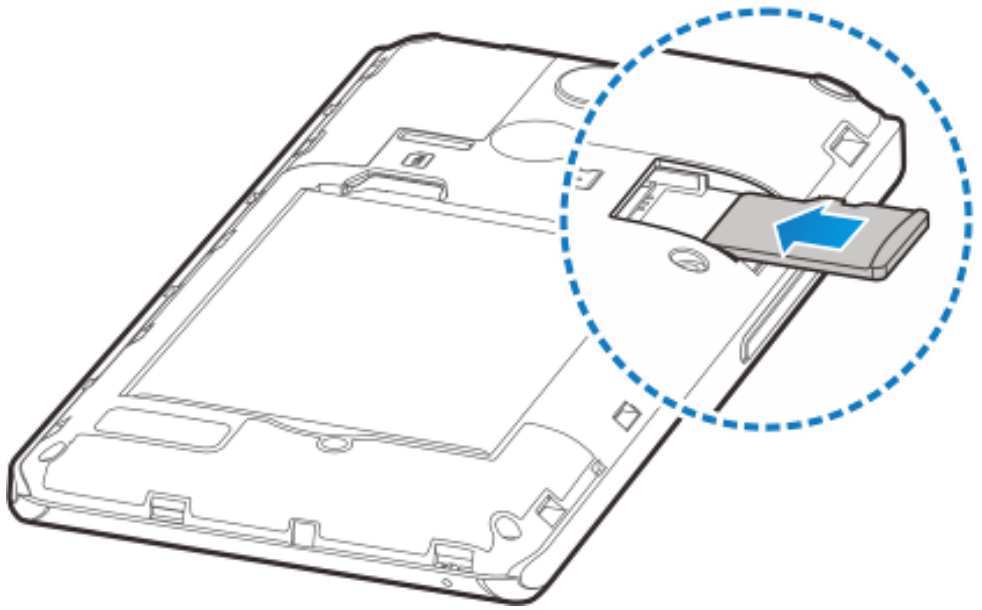
Installing the microSDHC™ Card (Not Included)

A microSDHC card can be installed or removed while the phone is turned on. You need to ***unmount the microSDHC card*** before removing it.

1. Remove the back cover.



2. Hold your microSDHC card with the metal contacts facing down and slide it in.



NOTE:
Some applications may require a microSDHC card to work normally or may store certain data on it. Therefore, it is recommended that you keep a microSDHC card installed and not remove or replace it randomly.

3. Replace the back cover.

Charging the Battery

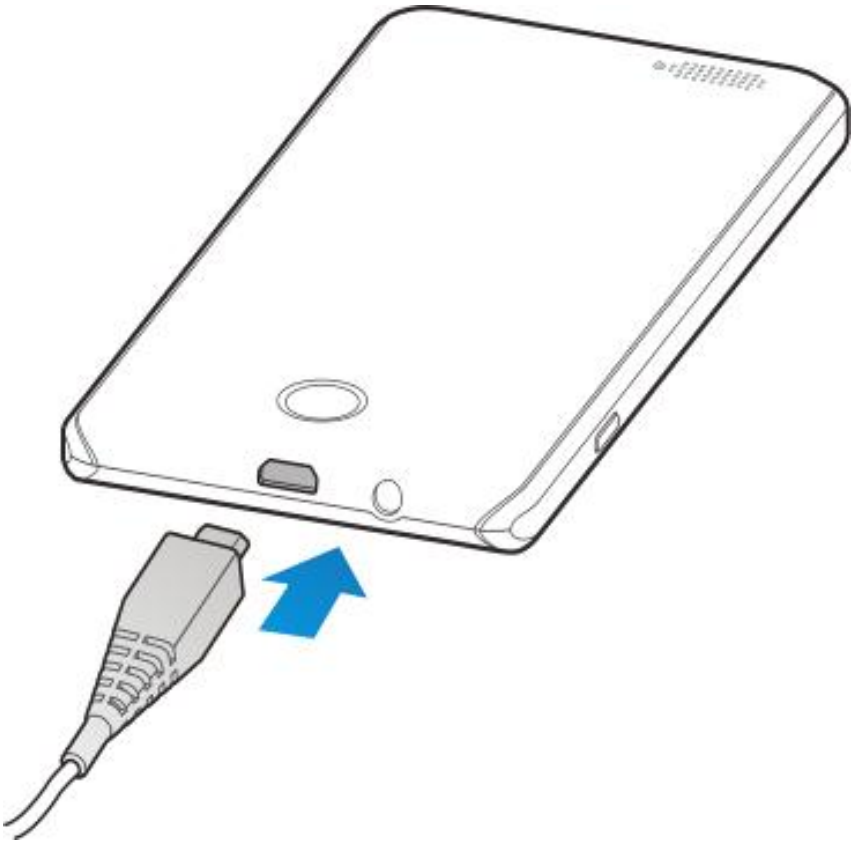
Your phone's battery should have enough power for the phone to turn on, find a signal, and make a few calls. You should fully charge the battery as soon as possible.

If the battery is low, there will be a pop-up message on the screen. As you charge your phone, the screen will tell you the exact battery level each time you wake up your phone.

WARNING!

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

1. Connect the adapter to the charging/micro-USB jack. Ensure that the adapter is inserted in the correct direction. 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 or , 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.

Extending the Battery Life

Active applications, screen brightness levels, Bluetooth and Wi-Fi usage and GPS functionality can drain your battery. You can follow the helpful tips below to conserve your battery power:

- Reduce the screen backlight time.
- Lower the screen brightness.
- Turn Wi-Fi, Bluetooth and auto-sync off when not in use.
- Disable the GPS function when not in use. Most applications using this function will periodically query the GPS satellites for your current location, and each query drains your battery.

Powering On/Off

- Press and hold the **Power Key** to turn on your phone.
- To turn it off, press and hold the **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 (see ***Backup and Reset***), you need to do some settings before using it.

Flick the language field to select the language. Then follow the prompts to set up Wi-Fi, Google account, Google location and other options.

Locking/Unlocking the Screen and Keys

Your phone allows you to quickly lock the screen and keys (put the phone to sleep mode) when not in use and to turn the screen back on and unlock it when you need it.

To lock the screen and keys:

To quickly turn the screen off and lock the keys, press the **Power Key**.

NOTE:
To save battery power, the phone automatically turns off the screen after a certain period of time when you leave it idle. You will still be able to receive messages and calls while the phone screen is off.

To unlock the screen and keys:

1. Press the **Power Key** to turn the screen on.
2. Swipe up on the screen.

   - or -

On the blank area of the screen, swipe left to open the Camera app; swipe right to open the Phone app.

- or -

Touch a notification twice consecutively to open the related app.

NOTE:

If you have set a voice unlock, an unlock pattern, a PIN or a password for your phone (see ***Protecting Your Phone With Screen Locks***), swipe up on the screen and then speak the voice command, draw the pattern, or enter the PIN/password to unlock your phone.

Using the Touch Screen

Your phone's touch screen enables you to control actions through a variety of touch gestures.

- Touch

  When you want to type using the onscreen keyboard, select items on the screen such as the application and settings icons, or press the onscreen buttons, simply touch them with your finger.



- Touch and Hold

  To open the available options for an item (for example, a message or link in a web page), touch and hold the item.



- Swipe or Slide

  To swipe or slide means to quickly drag your finger vertically or horizontally across the screen.



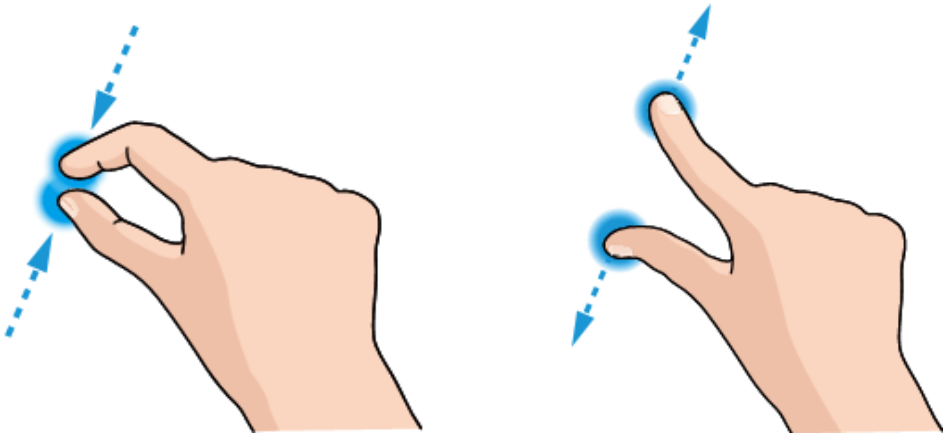
- Drag

  To drag, press and hold your finger with some pressure before you start to move your finger. While dragging, do not release your finger until you have reached the target position.



- Pinch

  In some apps (such as Maps, Browser, and Gallery), you can zoom in and out by placing two fingers on the screen at once and pinching them together (to zoom out) or spreading them apart (to zoom in).



- Rotate the screen

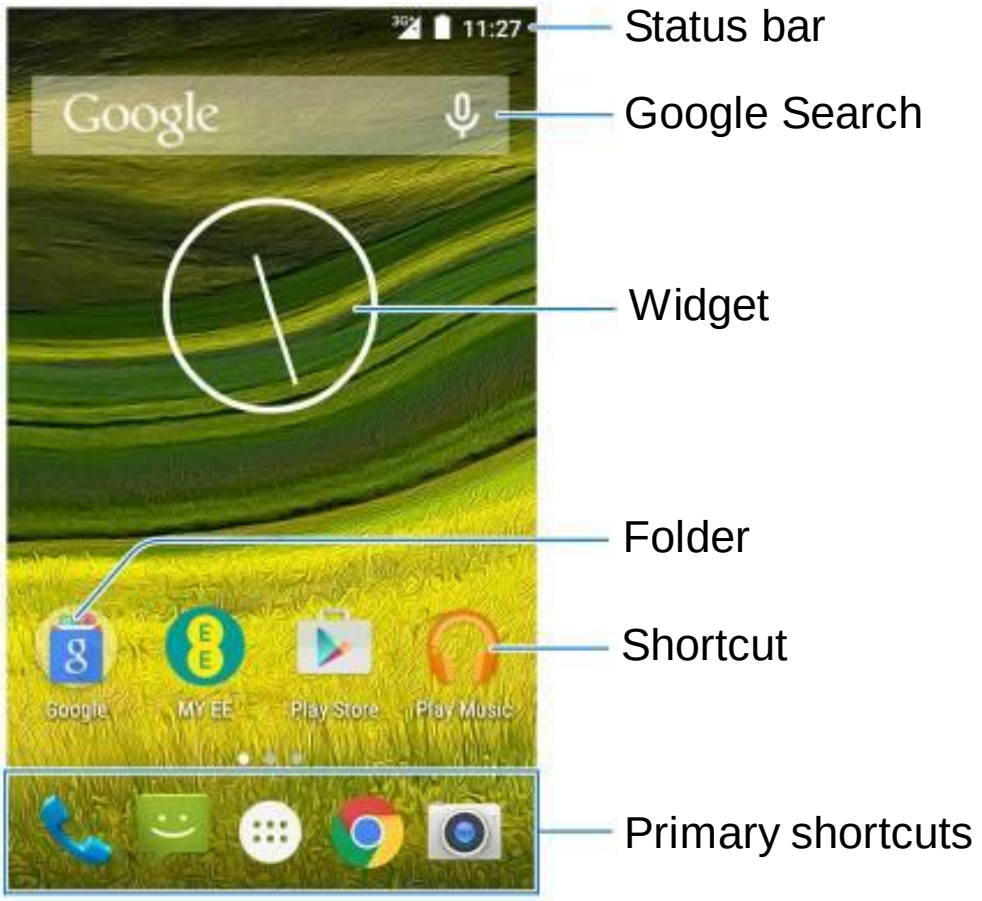
  For most screens, you can automatically change the screen orientation from portrait to landscape by turning the phone sideways.

  NOTE:

  The auto-rotate feature needs to be enabled for the screen orientation to automatically change. Touch the **Home Key > > Settings > Display > When device is rotated** and select **Rotate the contents of the screen**.
  You can also access the screen rotation control by sliding down the status bar twice and touch **Auto-rotate/Portrait**.

Getting to Know the Home Screen

The home screen is the starting point for your phone's applications, functions, and menus. You can customize your home screen by adding shortcuts, folders, widgets, and more.



Extended Home Screen Panels

Your home screen is extendable, providing more space for shortcuts, widgets, and more. Simply swipe left or right on the home screen to see the extended panels. You can add or remove home screen panels, or adjust the order of them.

To add a new home screen panel:

1. Touch the **Home Key >** , or touch and hold an empty area of the home screen and select **WIDGETS**.
2. Touch and hold an application icon or a widget and drag it to the right edge of the screen to create a new home screen panel and put the icon or widget on it.

NOTE:

No empty home screen panel is allowed to exist. If the icon, widget or folder is the only item on the current home screen panel, the panel will be deleted as you remove the item.

To adjust the order of a home screen panel:

1. Touch and hold an empty area of the home screen and slide left or right to view the home screen thumbnails.
2. Touch and hold a thumbnail and drag it left or right to the place you need.

Personalizing

Changing the System Language

1. Touch the **Home Key >** **> Settings > Language & input > Language**.
2. Select the language you need.

Setting the Date and Time

1. Touch the **Home Key >** **> Settings > Date & time**.
2. Set the date, time, time zone, and date/time format.
   - To adjust the date and time automatically, touch **Automatic date & time** and select **Use network-provided time** or **Use GPS-provided time**.
   - To adjust the date and time manually, touch **Automatic date & time** and select **off**, and then touch **Set date** / **Set time** to change the date and time.
   - To adjust the time zone automatically, enable **Automatic time zone**.
   - To adjust the time zone manually, disable **Automatic time zone** and touch **Select time zone** to set the correct time zone.
   - To adjust the format of time, touch **Use 24-hour format**.

NOTE:

You need to enable GPS first before using GPS-provided time. GPS may not give the correct time if the local signal is weak.

Changing Ringtone and Notification Sound

You can customize the default ringtone for incoming calls and the default notification sound.

1. Touch the **Home Key >** **> Settings > Sound & notification**.
2. Touch beside **General**.
3. Touch **Phone ringtone** or **Default notification sound**.
4. Select the ringtone you want to use and touch **OK**.

NOTE:

See *Set a Ringtone for a Contact* for how to assign a special ringtone to an individual contact.

Turning On/Off System Sounds

1. Touch the **Home Key >** **> Settings > Sound & notification**.
2. Touch beside **General**.

3. Touch **Vibrate**, **Dial-pad touch tones**, **Touch sounds**, **Screen lock sounds**, or **Vibrate on touch**.

Adjusting Volume

1. Touch the **Home Key >**  **> Settings > Sound & notification**.
2. Touch  beside **General**.
3. Drag the sliders below **Alarm volume** and **Ring volume**.

NOTE:
You can adjust the media volume when a media application is in use by pressing the **Volume Key**. If no media application is active, press the **Volume Key** to adjust ringtone volume (or the earpiece volume during a call).

Switching to Silent Mode

You can set the phone to silent mode by using one of the following methods.

- Press the **Volume Key** when no media application is active to show the ringtone sound management window. Touch **All** and drag the slider to the left to switch the phone to silent mode with vibration. Touch **None** to switch the phone to silent mode.
- Swipe down from the top of the screen to open the notification panel and drag the panel downwards. Touch **Audio profiles** and select **Meeting** or **Silent** to switch to silent mode with or

without vibration.

- Touch the **Home Key >**  **> Settings > Sound & notification** and select **Meeting** or **Silent** to switch to silent mode with or without vibration.
- Touch the **Home Key >**  **> Settings > Sound & notification > Interruptions > When calls and notifications arrive**, and touch **Don't interrupt** to switch the phone to silent mode.

NOTE:

In addition to silent mode and vibration, you can also allow priority apps to send out notifications when you switch the phone to priority interruption mode.

Applying New Wallpapers

You can set the wallpaper for the home screen and lock screen.

1. Touch and hold an empty place on the home screen and then touch **WALLPAPERS**.
2. Slide left or right on the wallpaper panel to select a wallpaper or animation, or touch **Pick image** to choose the image you want to use as the wallpaper. Pinch on the image to crop it if needed.
3. Touch **Set wallpaper**.

NOTE:

In addition, you can touch the **Home Key >**  **> Settings >**

Display > Wallpaper to pick an image from **Gallery**, **Photos** or **Wallpapers**, or an animation from **Live Wallpaper**.

Changing Screen Brightness

1. Touch the **Home Key >** **> Settings > Display > Brightness level**.
2. Drag the slider to manually adjust the screen brightness.

NOTE:
Your phone can automatically adjust the screen brightness for available light. Touch **Adaptive brightness** in the **Display** settings screen to turn the feature on or off.

Protecting Your Phone With Screen Locks

You can protect your phone by creating a screen lock. When it is enabled, you need to swipe up on the screen, speak a voice command, draw a pattern or enter a numeric PIN or password to unlock the phone's screen and keys.

1. Touch the **Home Key >** **> Settings > Security > Screen lock**.
2. Touch **Swipe**, **Voice Unlock**, **Pattern**, **PIN** or **Password**.
   - Touch **Swipe** to enable screen lock and allow unlock with a 'swipe' gesture. You can unlock the screen by swiping up on the screen.
   - Touch **Voice Unlock** to let the phone record your voice

commands. You can unlock the screen or open a few applications by speaking your unlock command or wake up command. You also need to set a pattern or PIN in case the phone cannot recognize your voice.

- Touch **Pattern** to create a pattern you must draw to unlock the screen.
- Touch **PIN** or **Password** to set a numeric PIN or a password that you must enter to unlock your screen.

NOTE:
You can also choose to protect your phone before it starts up by requiring your unlock pattern, PIN or password. This helps you to protect data in case your phone is lost or stolen.

3. For Voice, Pattern, PIN, or Password lock, select how you want notifications and their contents to show when the phone is locked. Then touch **DONE**.

NOTE:
If you forget the pattern you set, you need to upgrade the phone software. See *Upgrading the Phone Software*.

Protecting Your Phone With Encryption

You can encrypt all the data on your phone: Google accounts, application data, music and other media, downloaded information, and so on. If you have a screen lock on your phone, you must draw a unlock pattern, or enter a numeric PIN or a password each time you power on your phone to decrypt it.

WARNING!

Encryption is irreversible. The only way to revert to an unencrypted phone is to perform a factory data reset, which erases all your data.

Encryption provides additional protection in case your phone is stolen, and may be required or recommended in some organizations. Consult your system administrator before turning it on. In many cases the pattern, PIN or password you set for encryption is controlled by the system administrator.

Before turning on encryption, prepare as follows:

- Set a lock screen pattern, PIN or password.
- Charge the battery.
- Keep the phone connected to the charger.
- Schedule an hour or more for the encryption process: you must not interrupt it or you will lose some or all of your data.

When you're ready to turn on encryption:

1. Touch the **Home Key >** **> Settings > Security > Encrypt phone**.
2. Read the information about encryption carefully.

   The **ENCRYPT PHONE** button is dimmed if your battery is not charged or your phone's not plugged in.

   If you change your mind about encrypting your phone, touch the **Back Key**.

   WARNING!

   If you interrupt the encryption process, you will lose data.

3. Touch **ENCRYPT PHONE**.
4. Draw your lock screen pattern or enter your PIN or password, and touch **NEXT**.
5. Touch **ENCRYPT PHONE** again.

The encryption process starts. Encryption can take an hour or more, during which time your phone may restart several times.

When encryption is completed, you're prompted to draw the unlock pattern, or enter the PIN or password.

Subsequently, you must draw the unlock pattern, enter the PIN or password each time you power on your phone in order to decrypt it.

Protecting Your Phone with Screen Pinning

You can use the screen pinning feature to keep an app in view, so others cannot switch to other apps or access your personal information.

Turn On Screen Pinning

1. Touch the **Home Key >**  **> Settings > Security > Screen pinning**.
2. Touch the **On/Off** switch.
3. If you want to ask for the unlock pattern, PIN or password before unpinning the screen, touch **Lock device when unpinning** to set one, or switch on **Ask for unlock pattern /**

PIN / password before unpinning when the screen lock has been set.

Pin a Screen

1. Ensure that screen pinning is turned on.
2. Open the app you want to keep in view.
3. Touch the **Recent Apps Key**.
4. If there are many app tabs, swipe up to find  on the front-most tab.
5. Touch .

Unpin the Screen

To unpin the screen and return to normal use, touch and hold the **Back Key**.

If you have asked for the unlock pattern, PIN or password before unpinning the screen, swipe up on the lock screen and draw the pattern or enter the PIN/password.

Protecting Your Data

You can set an entry pattern and lock your data files on your phone to protect them from unwanted process. To view or open the locked files, you need to draw the entry pattern first.

To set the entry pattern:

1. Touch the **Home Key >**  **> Settings > Security > Data Protection**.

2. Draw the entry pattern and touch **CONTINUE**.
3. Redraw the pattern and touch **CONFIRM**.

CAUTION:

If you forget your entry pattern, you cannot get the locked files any more.

NOTE:

To change the entry pattern, touch **> Change Pattern**.

To lock your files:

1. Touch the **Home Key > > Settings > Security > Data Protection**.
2. Draw the entry pattern you set to enter the Data Protection screen.
3. Touch at the top right corner.
4. Select **Phone storage** or **SD card** and open the folder containing the file(s) you want to lock.
5. Touch at the top right corner and touch the file(s) to highlight them.
6. Touch to lock them. You can find the files sorted by different types only in the Data Protection screen.

To unlock your files:

1. Touch the **Home Key > > Settings > Security > Data Protection**.
2. Draw the entry pattern you set to enter the Data Protection screen.

3. Touch  at the top right corner and touch the file(s) you want to unlock.
4. Touch  to unlock them. You can find the unlocked file(s) in their original places.

 **NOTE:** You can touch  to delete the file(s).

Knowing the Basics

Monitoring the Phone Status

The status bar at the top of the home screen provides phone and service status icons on the right side. Below are some of the icons you may see.

E	2G connected		No signal
3G	3G connected		Signal strength
4G	4G connected		Mobile data in use
	Silent mode		Aeroplane mode
	Vibration mode		Bluetooth on
	Priority mode		Connected to a Wi-Fi® network
	Battery low		Wi-Fi in use
	Battery partially drained		Speaker on
	Battery full		Phone microphone off
/	Battery charging		USB tethering on
	Alarm set		Portable Wi-Fi hotspot on

	GPS on		

Managing Notifications

Notification Icons

The status bar at the top of the home screen provides notification icons on the left. Below are some of the icons you may see.

	New SMS/MMS		Upcoming event
	New message(s) from the Email app		New Wi-Fi network detected
	New message(s) from the Gmail™ app		Downloading data
	Missed call		Sending data
	Call in progress		Updates available
	Song playing		USB connected
	Wired headset connected		

Open/Close the Notification Panel

Notifications report the arrival of new messages, calendar events, and alarms, as well as ongoing events, such as when

you are playing music. You can open the notification panel to view the details of notifications.

- To open the notification panel, swipe your finger down on the home screen or from the top of the screen.
- To close the notification panel, swipe your finger up on the screen or touch the **Back Key**.

Respond to or Remove a Notification

In the notification panel, you can respond to a notification or remove the notifications. The notification panel also supports expandable notifications that let you perform additional actions right from the notification itself.

- To respond to a notification, just touch it.
- Slide down with one finger to expand certain notifications. You can also swipe two fingers vertically or pinch-zoom to expand or collapse certain notifications.
- To remove a notification, swipe it left or right.
- To remove all notifications, touch  below all the notifications.
- To manage notifications you have received, touch and hold a notification to identify the application that created it. You can then touch  and enable **Block** to hide future notifications from this app, or enable **Priority** to show them in priority mode.

 **NOTE:**
If you turn off notifications for an app, you may miss its important

alerts and updates. The notifications of some apps cannot be turned off.

Use Quick Settings

The Quick Settings make it convenient to view or change the most common settings for your phone.

Open the notification panel and drag the panel downwards to find the following Quick Settings on the screen.

- **Brightness:** Drag the brightness slider to adjust the screen brightness.
- **Wi-Fi:** Touch to turn on or off Wi-Fi. To open Wi-Fi settings, touch the Wi-Fi network name.
- **Bluetooth:** Touch to turn on or off Bluetooth. To open Bluetooth settings, touch the word “Bluetooth”.
- **Mobile data:** Touch to view the mobile data usage, enable or disable data access over the mobile network, and access more settings.
- **Aeroplane mode:** Touch to turn on or off aeroplane mode.
- **Auto-rotate/Portrait:** Touch to turn on or off the auto-rotate screen feature.
- **Location:** Touch to turn location services on or off.
- **Audio profiles:** Touch to select a predefined profile: **General**, **Silent**, **Meeting** or **Outdoor**.

NOTE:

In the Quick Settings screen, touch  at the top to get to the **Settings** menu; touch the battery icon to open the battery

settings screen; touch  to view your profile in Contacts.

Managing Shortcuts and Widgets

Add Shortcuts and Widgets

1. Touch the **Home Key >** .

   - or -

   To add widgets, touch and hold an empty area of the home screen and select **WIDGETS**.

2. Slide left or right to browse the available applications or widgets.
3. Touch and hold a widget or an application icon and drag it to a home screen panel.

NOTE:

While holding the item, you can drag it to the right edge of the screen to create a new home screen panel and put the item on it.

Move Shortcuts or Widgets

1. Touch and hold a shortcut or widget on the home screen.
2. Drag it to the place you need.

Remove Shortcuts or Widgets

1. Touch and hold a shortcut or widget on the home screen.
2. Drag it to  **(Remove)** to remove it.

Adjust Widget Size

1. Touch and hold a widget on the home screen and then release it.
2. An outline appears around the widget. Drag the outline to resize the widget.

NOTE:

Not all widgets can be resized.

Organizing With Folders

You can create folders on the home screen and add several shortcuts to a folder.
You can move or remove folders the same way as moving or removing shortcuts.

1. Touch and hold a shortcut on the home screen and drag it over another shortcut.
2. Release your finger and a new folder will be created with both shortcuts added into it.
3. To add more shortcuts into the folder, touch and hold each shortcut and drag it over the folder before releasing it.

NOTE:

Touch the folder and then touch the name field to rename the folder.

Rearranging the Primary Shortcuts

The home screen includes a customizable primary shortcuts area at the bottom visible from all home screens. You can keep at most four items in the primary shortcuts area. Drag shortcuts or folders in or out of the area to rearrange the area.



Entering Text

You can enter text using the onscreen keyboard. Some apps open it automatically. In others, you open it by touching where you want to type. Touch the **Back Key** to hide the onscreen keyboard. You can also enter text by speaking with the Google voice typing feature.

Enable or Disable Input Methods

1. Touch the **Home Key >** **> Settings > Language & input > Current Keyboard**.
2. Touch **CHOOSE KEYBOARDS** at the bottom.
3. Slide the switches beside the input methods to enable or disable them.

Change Input Methods

1. When you use the onscreen keyboard to enter text, the icon appears on the status bar.

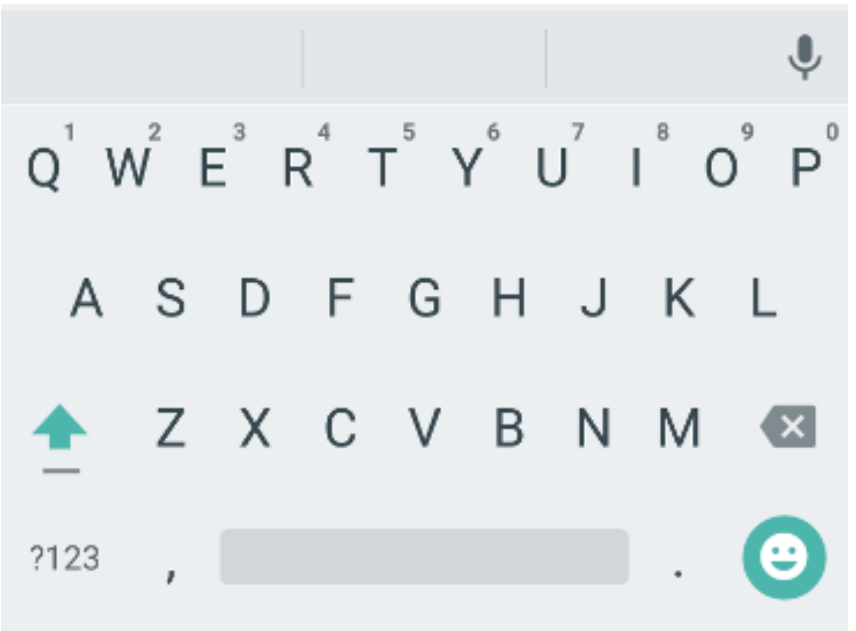
2. Open the notification panel and touch **Change keyboard**.
3. Select the input method you need.

NOTE:

The icon appears only when more than one input method is installed and enabled.

Google Keyboard

The Google Keyboard provides a layout similar to a desktop computer keyboard. When screen auto-rotation is enabled, turn the phone sideways and the keyboard will change from portrait to landscape. The landscape keyboard is not supported in all applications.



- Touch the alphabetic keys to enter letters. Touch and hold some specific keys to enter associated accented letters or numbers. For example, to enter È, touch and hold E and the available accented letters and number 3 appear. Then

slide to choose È.

- As you enter a word, candidates appear above the keyboard. Touch to select the correct one; touch and hold to see more possible options.
- Touch  to use uppercase. Double-tap  to lock uppercase. This key also changes to indicate the current case you are using:  for lowercase,  for uppercase, and  when locked in uppercase.
- Touch  to delete the text before the cursor.
- Touch  to select numbers and symbols. You can then touch  to find more.
- Touch  to enter miniature icons, such as expressions, horoscopes, and animals.
- Touch  to use Google voice typing.
- Touch and hold  to change the input languages or set up the Google keyboard.

Google Voice Typing

Google Voice typing uses the Google voice recognition service to convert speech to text.

1. Touch  to access the voice typing feature when you are using the Google keyboard.

   Or flick down the status bar when entering text and touch **Change keyboard**, and then select **Google voice typing**.

2. When you see the microphone image, speak what you want to type.
3. You can continue entering text to keep it or to delete it.

NOTE:

Say "comma," "period," "question mark," "exclamation mark," or "exclamation point" to enter punctuation.

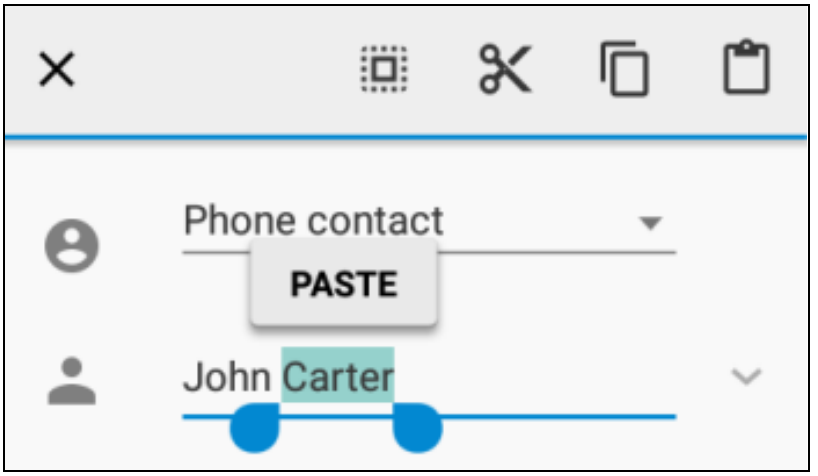
Input Method Settings

Choose the input method settings by touching **> Settings > Language & input** from the home screen.

In the **Keyboard & input methods** section, you can set the current input method and choose the settings for input methods.

Editing Text

- **Move the insertion point:** Touch where you want to type. The cursor blinks in the new position, and a tab appears below it. Drag the tab to move the cursor.
- **Select text:** Touch and hold or double-tap within the text. The nearest word highlights, with a tab at each end of the selection. Drag the tabs to change the selection.
- **Cut or copy:** Select the text you want to manipulate. Then touch the Cut or Copy button to cut or copy the text to the clipboard.
- **Replace text with the clipboard text:** Select the text you want to replace. Then touch or **PASTE**.



Opening and Switching Apps

Open an App

1. Touch the **Home Key >** .
2. Slide left or right on the screen and touch an app to open it.

Switch Between Recently Opened Apps

1. Touch the **Recent Apps Key**. The apps you've used recently are displayed in a series of tabs. Slide up and down to see all the tabs.
2. Touch a tab to open that app.

NOTE:

You can swipe a tab sideways or touch **X** on the tab to remove it from the screen. Touch to remove all tabs.

Connecting to Networks and Devices

Connecting to Mobile Networks

Control Mobile Data Use

To enable or disable data access:

1. Touch the **Home Key >** **> Settings > Data usage**.
2. Touch the **MOBILE** tab.
3. Touch the **Mobile data** switch to enable or disable mobile data use.

To get data services when roaming:

1. Touch the **Home Key >** **> Settings > More > Mobile networks**.
2. Touch the **Data roaming** switch if it is turned off.

NOTE:

Data roaming may incur significant roaming charges.

Select Preferred Network Type

1. Touch the **Home Key >** **> Settings > More > Mobile networks > Preferred network type**.
2. Touch the type of network you prefer to connect to.

Set 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 get the necessary information.

1. Touch the **Home Key >** **> Settings > More > Mobile networks > Access point names**.
2. Touch **> New APN**.
3. Touch each item to enter the information you get from your service provider.
4. Touch **> Save** to complete.

NOTE:

To set the APN to default settings, touch **> Reset to default**.

Select Network Operator

1. Touch the **Home Key >** **> Settings > More > Mobile networks > Network operators**.
2. Touch **Search networks** to search for all available networks.
3. Touch a network in the network list to register manually.

   You can also touch **Choose automatically** to select preferred network automatically.

Connecting to Wi-Fi®

Wi-Fi is a wireless networking technology that can provide Internet access at distances of up to 100 meters, depending on the Wi-Fi router and your surroundings.

Turn Wi-Fi On and Connect to a Wi-Fi Network

1. Touch the **Home Key >** **> Settings > Wi-Fi**.
2. Slide the **Wi-Fi** switch to the **On** position to turn on Wi-Fi.
3. Touch a network name to connect to it.
4. If the network is secured, enter the password and touch **CONNECT**.

NOTE:

Your phone automatically connects to previously used Wi-Fi networks when they are in range.

Get Notified of Open Networks

1. Touch the **Home Key >** **> Settings > Wi-Fi**.
2. Slide the **Wi-Fi** switch to the **On** position.
3. Touch **> Advanced**.
4. Slide the **Network notification** switch.

When Wi-Fi is on, you receive notifications in the status bar when your phone detects an open Wi-Fi network. Switch off this option to turn off notifications.

Add a Wi-Fi Network

You can add a Wi-Fi network if the network does not broadcast its name (SSID), or to add a Wi-Fi network when you are out of range.

To connect to a secured network, you first need to get the security details from the network's administrator.

1. Touch the **Home Key >** **> Settings > Wi-Fi**.
2. Slide the **Wi-Fi** switch to the **On** position.
3. Touch **> Add network**.
4. Enter the network SSID (name). If necessary, enter security or other network configuration details.
5. Touch **SAVE**.

Connect to a WPS Network

Wi-Fi Protected Setup (WPS) is a feature that makes it easy to add your phone to the access points which support WPS.

You can use one of the following methods to connect your phone to a wireless network using WPS.

Method one: WPS button (Recommended)

1. Touch the **Home Key >** **> Settings > Wi-Fi**.
2. Slide the **Wi-Fi** switch to the **On** position.
3. Touch **> Advanced > WPS Push Button**.
4. Press the WPS button on the wireless router and the access point will recognize your phone and add it to the network.

Method two: PIN number

1. Touch the **Home Key >** **> Settings > Wi-Fi**.
2. Slide the **Wi-Fi** switch to the **On** position.
3. Touch **> Advanced > WPS Pin Entry**.
4. The WPS PIN number displays on the screen. Enter the PIN number into the access point's setup page.

After entering the PIN number, your phone automatically finds the access point and configures the connection.

NOTE:
For detailed information about the WPS feature of the access point, please refer to its user documents.

Forget a Wi-Fi Network

You can make your phone forget about the details of a Wi-Fi network that you added - for example, if you don't want the phone to connect to it automatically or if it is a network that you no longer use.

1. Touch the **Home Key >** **> Settings > Wi-Fi**.
2. Slide the **Wi-Fi** switch to the **On** position.
3. Touch the Wi-Fi network name and then touch **FORGET**.

Adjust Advanced Wi-Fi Settings

1. Touch the **Home Key >** **> Settings > Wi-Fi**.
2. Touch **> Advanced** to adjust the following settings.

- **Network notification:** Get notifications in the status bar when Wi-Fi is on and an open network is available.
- **Scanning always available:** Allow Google location services and other apps to scan for networks even when Wi-Fi is turned off.
- **Keep Wi-Fi on during sleep:** Set whether to keep Wi-Fi on in sleep mode.
- **Install certificates:** Install certificates needed for connecting to certain Wi-Fi networks.
- **Wi-Fi Direct:** Use the Wi-Fi Direct feature. See ***Using Wi-Fi Direct®***.
- **WPS Push Button:** Connect to a WPS network via the push button method.
- **WPS Pin Entry:** Connect to a WPS network via the phone PIN method.
- **MAC address:** Check the MAC address.
- **IPv4 address:** Check the phone's IPv4 address.

Using Wi-Fi Direct®

Wi-Fi Direct allows Wi-Fi devices to connect to each other without the need for wireless access points (hotspots).

Connect to Another Device via Wi-Fi Direct

1. Touch the **Home Key >**  **> Settings > Wi-Fi**.
2. If Wi-Fi is off, slide the **Wi-Fi** switch to the **On** position.

3. Touch ⋮ **> Advanced > Wi-Fi Direct**. Your phone will search for other devices enabled with Wi-Fi direct connections.
4. Touch a device name under **Peer devices** to connect with it. The other device will receive a connection prompt and need to accept the request for connection. Both devices may need to enter a common PIN.
5. Once connected the device is displayed as “Connected” in the **Peer devices** list.

Send Data via Wi-Fi Direct

1. Open the appropriate application and select the file or item you want to share.
2. Select the option for sharing via Wi-Fi Direct. The method may vary by application and data type.
3. Touch a device the phone has connected with or wait for it to search for new devices and touch one of them.

Receive Data via Wi-Fi Direct

When an attempt to transfer data via Wi-Fi Direct is received, you can see a notification in the status bar. Open the notification panel, touch the notification and select **ACCEPT** to start receiving the data.

Received files are stored automatically in a dedicated folder (*WiFiShare*, for instance). You can access them with the **File Manager** app.

Connecting to Bluetooth® Devices

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 (32.8 feet). The Bluetooth devices must be paired before the communication is performed.

Turn Bluetooth On/Off

1. Touch the **Home Key >** **> Settings > Bluetooth**.
2. Slide the **Bluetooth** switch to the **On** or **Off** position.

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

Make Your Phone Visible

In order to work with other phones or devices that have Bluetooth, you need to make your phone 'visible' to them.

1. Touch the **Home Key >** **> Settings > Bluetooth**.
2. Slide the **Bluetooth** switch to the **On** position if Bluetooth is off.
3. Touch your device name on the top of the screen to make your phone visible or invisible.

NOTE:

Touch **> Visibility timeout** to set the Bluetooth visibility timeout of your phone.

Change the Device Name

1. Touch the **Home Key >**  **> Settings > Bluetooth**.
2. Slide the **Bluetooth** switch to the **On** position if Bluetooth is off.
3. Touch  **> Rename this device**.
4. Edit the name and touch **RENAME**.

Pair With Another Bluetooth Device

1. Touch the **Home Key >**  **> Settings > Bluetooth**.
2. Slide the **Bluetooth** switch to the **On** position if Bluetooth is off.

   Your phone automatically scans for and displays the IDs of all available Bluetooth devices in range. You could touch  **> Refresh** if you want to scan again.
3. Touch the device you want to pair with.
4. Confirm that the Bluetooth passkeys are the same between the two devices and touch **PAIR**. Alternately, enter a Bluetooth passkey and touch **PAIR**.
   Pairing is successfully completed when the other device accepts the connection or the same passkey is entered.

NOTE:

The Bluetooth passkey may be fixed for certain devices, such as headsets and hands-free car kits. You can try entering 0000 or 1234 (the most common passkeys), or refer to the documents for that device.

Forget a Bluetooth Device

You can make your phone forget its pairing connection with another Bluetooth device. To connect to the device again, you need to search it and enter or confirm a passkey again.

1. Touch the **Home Key >** **> Settings > Bluetooth** and ensure that Bluetooth is turned on.
2. In the list of paired devices, touch the icon beside the Bluetooth device you want to forget.
3. Touch **FORGET**.

Send Data via Bluetooth

1. Open the appropriate application and select the file or item you want to share.
2. Select the option for sharing via Bluetooth. The method may vary by application and data type.
3. Touch a Bluetooth device the phone has paired with or wait for it to search for new devices and touch one of them.

Receive Data via Bluetooth

1. Turn Bluetooth on before trying to receive data via Bluetooth.
2. Flick down the status bar and touch .
3. Touch **ACCEPT** to start receiving the data.

Depending on your storage setting and whether a microSDHC card is installed, received files are stored automatically in a dedicated folder (*Bluetooth*, for instance) in the phone storage or microSDHC card. You can access them with the **File Manager**

app.

Connecting to Your Computer via USB

You can connect your phone to a computer with a USB cable and transfer music, pictures, and other files in both directions. Your phone stores these files in the phone storage or on a removable microSDHC card.

Connect Your Phone to a Computer via USB

1. Connect your phone to the PC with a USB cable.
2. Open the notification panel and touch .
3. Choose one of the following options:
   - **USB storage:** Transfer files between PC and the microSDHC card on your phone.

     NOTE:

     After selecting **USB storage**, you need to open the notification panel and touch **USB connected > TURN ON USB STORAGE** to turn on the USB mass storage mode.
   - **Media device (MTP):** Transfer files on Windows® or Mac®.

     NOTE:

     For Windows XP, please install the drivers and Media Player 11 (or later version) when you use Media device (MTP) for the first time.
   - **Camera (PTP):** Transfer photos using camera software.

- **Charge only:** Charge your phone via USB.
- **Built-in CD-ROM:** Install the driver needed for some USB connection modes (such as MTP). You only need to install the driver on the same PC once.

  NOTE:
  You can also install the driver on PC by running the executable file in the new CD-ROM drive.

Connect With Windows Media® Player

You can sync music, picture, and video files on your phone and the computer installed with Windows Media Player.

1. Connect the phone with your computer via USB and choose **Media device (MTP)**.
2. Open Windows Media Player and synchronize music, picture, and video files.

Disconnect Your Phone From the Computer

To disconnect the phone from the computer, simply unplug the USB cable when you're finished.

If the connection is **USB storage**, flick down the notification panel and touch **Turn off USB storage > TURN OFF USB STORAGE** before unplugging the cable.

Remove the microSDHC Card From Your Phone

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

1. Touch the **Home Key >**  **> Settings > Storage**.
2. Scroll down and touch **Unmount SD card > OK**.
3. When the **Unmount SD card** menu changes to **Mount SD card**, you can now safely remove the microSDHC card from the phone.

NOTE:

If you unmount the microSDHC card, some apps that you are using will stop and may be unavailable until you remount the microSDHC card.

Erase the microSDHC Card

1. Touch the **Home Key >**  **> Settings > Storage**.
2. Scroll down and touch **Erase SD card > ERASE SD CARD > ERASE EVERYTHING**.

CAUTION:

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

Sharing Your Mobile Data Connection

You can share your phone's data capabilities through tethering or by activating the mobile hotspot feature to create a portable Wi-Fi hotspot.

Share Your Mobile Data Connection via USB

You can access the Internet on your computer via the USB tethering feature of your phone. The feature needs data connection on a mobile network and may result in data charges.

NOTE:

You cannot transfer files between the phone and the PC when the phone is USB tethered.

1. Connect your phone to your computer with a USB cable.
2. Touch the **Home Key >** **> Settings > More > Tethering & portable hotspot**.
3. Touch **Hotspot & tethering settings** to select **IPv4** or **IPv4 & IPv6** for tethering if needed.
4. Switch on **USB tethering**. A new network connection will be created on your computer.

NOTE:

To stop sharing your data connection, switch off **USB tethering** or disconnect the USB cable.

Share Your Mobile Data Connection via Bluetooth

If your computer can obtain an Internet connection via Bluetooth, you can configure your phone to share its mobile data connection with your computer.

1. Pair your phone with your computer via Bluetooth.
2. Configure your computer to obtain its network connection via Bluetooth. For more information, please see your computer's documentation.
3. Touch the **Home Key >**  **> Settings > More > Tethering & portable hotspot**.
4. Switch on **Bluetooth tethering**. Your computer is now sharing your phone's data connection.

NOTE:

To stop sharing your data connection, switch off **Bluetooth tethering**.

Share Your Mobile Data Connection as a Wi-Fi Hotspot

You can share your phone’s data connection with other devices by turning your phone into a portable Wi-Fi hotspot. The feature needs data connection on a mobile network and may result in data charges.

NOTE:

When the portable Wi-Fi hotspot feature is enabled, you cannot

use your phone's applications to access the Internet via its Wi-Fi connection. You still remain connected to the Internet via your mobile data network.

1. Touch the **Home Key >**  **> Settings > More > Tethering & portable hotspot**.
2. Touch **Wi-Fi hotspot** and slide the switch to the **On** position to turn the feature on.

   After a moment, the phone starts broadcasting its Wi-Fi network name (SSID).
3. On another device, locate your phone via Wi-Fi and connect with it to start using the phone's mobile data.

   Or, if the device supports Wi-Fi Protected Setup, touch the WPS icon on the device, and then touch **WPS connect** and select **Push button** on your phone. You can also select **PIN from client** and enter the PIN provided by that device.

NOTE:

To stop sharing your data connection, slide the **Wi-Fi hotspot** switch to the **Off** position.

Set Your Wi-Fi Hotspot

You can change the name of your phone's Wi-Fi network (SSID), secure your portable Wi-Fi hotspot, and set other options.

1. Touch the **Home Key >**  **> Settings > More > Tethering & portable hotspot**.
2. Touch **Wi-Fi hotspot** and set the following options as follows.
   - **Keep Wi-Fi hotspot on:** Choose to turn the Wi-Fi hotspot

off automatically when it is idle for certain time or to keep it always on.

- **Set up Wi-Fi hotspot:**
  - **Network name:** Enter or edit a network SSID (name) that other devices see when scanning for Wi-Fi networks.
  - **Security:** Choose a security option: **None** (not recommended) or **WPA2 PSK** (other users can access your mobile hotspot only if they enter the correct password). When you select **WPA2 PSK**, touch the **Password** field to edit the security password.
  - **Password:** Edit the security password.
  - **RESET OOB:** Reset the network SSID, security and password to default settings.
  - **Maximum connections:** Set the maximum number of devices that can connect to the hotspot simultaneously.
- **WPS connect:** Set **Push button** or **PIN from client** as the Wi-Fi protected setup mode and touch **CONNECT**.
- **Bandwidth usage:** Check the Wi-Fi hotspot real-time data speed, time of duration and total of used data. You can check **Enable bandwidth throttling** to set the data speed limit.
- **Connected users:** Check the connected users or block them.
- **Blocked users:** Check the blocked users or unblock

them.

Connecting to Virtual Private Networks

Virtual private networks (VPNs) allow you to connect to the resources inside a secured local network. VPNs are commonly deployed by corporations, schools, and other institutions to let people access local network resources when not on campus, or when connected to a wireless network.

Depending on the type of VPN you are using, you may be required to enter your login credentials or install security certificates before you can connect to your VPN. You can get this information from your network administrator.

Add a VPN

1. Touch the **Home Key >** **> Settings > More > VPN**.
2. Touch **+** at the top right corner and fill in the information provided by your network administrator.
3. Touch **SAVE**.

The VPN is added to the list on the VPN screen.

NOTE:
You must set a lock screen pattern, PIN or password before using VPN.

Connect to a VPN

1. Touch the **Home Key >** **> Settings > More > VPN**.
2. Touch the VPN that you want to connect to.

3. When prompted, enter any requested credentials, and then touch **CONNECT**.

Modify a VPN

1. Touch the **Home Key >** **> Settings > More > VPN**.
2. Touch and hold the VPN that you want to modify.
3. Touch **Edit profile** and edit the VPN settings you want.
4. Touch **SAVE**.

Phone Calls

You can place calls from the Phone app, the Contacts app, or other apps or widgets that display contact information. Wherever you see a phone number, you can usually touch it to dial.

Placing and Ending Calls

Place a Call by Dialling

1. Touch the **Home Key >** .
2. Touch and enter the phone number with the on-screen keypad. Touch to delete incorrect digits.

   NOTE:
   As you enter digits, your phone searches for contacts that match. If you see the number you want to dial, touch it to place the call immediately without entering the rest of the number.
3. Touch below the keypad to dial.

You can also touch the search box at the top of the **Phone** app screen and enter the phone number or contact name you want to call. Touch the matching contact or **Call** [number] to place the call.

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.

NOTE:
To redial the last call you made, just touch the **Home Key >** > > and touch again.

End a Call

During a call, touch on the screen.

Answering or Rejecting Calls

When you receive a phone call, the incoming call screen opens, displaying the caller ID or the information about the caller that you've entered in the Contacts app. You can answer or reject the call, or reject it with a text message.

Answer a Call

When you receive a phone call, drag over to answer the call.

- or -

If the screen is unlocked, touch **ANSWER** to answer the call.

NOTE:
To silence the ringer before answering the call, press either end of the **Volume Key**.

Reject a Call

When you receive a phone call, drag over to reject

the call.

You can also drag  over  to reject the call and select a preset text message or edit one to send to the caller.

- or -

If the screen is unlocked, touch **DISMISS** to reject the call.

NOTE:

To edit the preset text response from within the Phone app, touch ⋮ in the top search field and select **Settings > General > Quick responses**.

Working With the Call History

The call history is a list of all the calls you've placed, received, or missed. It provides a convenient way to redial a number, return a call, or add a number to your contacts.

To open the call history, you can touch the **Home Key >**  **>** ⋮ (in the top search field) **> Call History**.

Place a Call From the Call History

1. Open the call history.
2. Touch a number and then touch **CALL BACK** or **REDIAL** to place the call.

NOTE:

You can touch **MISSED** or **ALL** to filter the records by call type.

Add a Number From Call History as a Contact

1. Open the call history.
2. Touch the contact icon in front of a number.
3. Touch  on the contact information tab.
4. To add the number to an existing contact, touch a contact in the list. To add a new contact, touch **Create new contact**.

Take Other Actions on a Call History Entry

Open the call history, touch a number and then touch **DETAILS** to view more call information.

- Touch  to delete the entry.
- While viewing the call details, touch  **> Edit number before call** to edit the number in the dialer before calling it.
- Touch the contact icon in front of the entry to open the contact information tab from the bottom, where you can send a message, call back, edit the contact, add the contact to favorites, or add the number to contacts.

 **NOTE:**

You can touch  **> Clear call history** in the call history screen to delete all history records.

Calling Your Contacts

1. Touch the **Home Key >** . Your favourite contacts and frequently called contacts are displayed in the **SPEED DIAL** tab.

2. Touch a contact to place the call, or touch or swipe to the **CONTACTS** tab to view all your contacts and touch a contact and then touch its number to make a call.

Checking Voicemail

If you have set the phone to divert calls to voicemail, callers can leave voicemail messages when they cannot reach you. Here's how to check the messages they left.

1. Touch the **Home Key >**  **>** .
2. Touch and hold the 1 key in the dialer. If prompted, enter your voicemail password.
3. Follow the voice prompts to listen to and manage your voicemail messages.

 **NOTE:**

See ***Set Voicemail*** for how to set your voicemail service. For detailed information, please contact the service provider.

Using Options During a Call

During a call, you will see a number of onscreen options. Touch an option to select it.

- Touch  to turn on or off the speaker.
- Touch  to mute or unmute your microphone.
- Touch  to switch to the keypad when you need to enter a code (for example, the PIN for your voicemail or bank

account) during the call.

- Touch  to put the call on hold.
- Touch  for more call options. You can make another call separate from the first call, merge calls into a conference call, transfer the calls, record the phone call, or hang up.
- Touch **On hold** at the bottom to put the caller you are speaking to on hold, and switch to the other call that has been put on hold.
- Touch  to end the current call.

WARNING!
Because of higher volume levels, do not place the phone near your ear during speakerphone use.

Managing Multi-party Calls

When the call waiting and three-way call features are available, you can switch between two calls or set up a conference call.

NOTE:
The call waiting and three-way call features need network support and may result in additional charges. Please contact your service provider for more information.

Switch Between Current Calls

When you're on a call and another call comes in, your phone screen informs you and displays the caller ID.

To respond to an incoming call while you're on a call:

Drag  over  to answer the call. (This puts the first caller on hold and answers the second call.)

NOTE:

You can also touch  **> Hangup active, answer waiting** to end the first call and answer the second call.

To switch between two calls:

Touch **On hold** at the bottom of the screen.

Set Up a Conference Call

With this feature, you can talk to two people at the same time.

1. Place the first call.
2. Once you have established the connection, touch  **> Add call** and dial the second number. (This puts the first caller on hold.)
3. When you're connected to the second party, touch  **> Merge calls**.

If one of the people you called hangs up during your call, you and the remaining caller stay connected. If you initiated the call and are the first to hang up, all callers are disconnected.

To end the conference call, touch .

Adjusting Your Call Settings

Set Contact Display Options

You can set the order of the contacts displayed in the **CONTACTS** tab of the **Phone** app.

1. Touch the **Home Key** >  >  (in the top search field) > **Settings** > **General**.
2. Touch **Sort by** or **Name format** to set the order of the contacts and the format of the contact names.

Set Sound and Vibration

Set the sound and vibration for incoming calls as well as dialpad sounds.

1. Touch the **Home Key** >  >  (in the top search field) > **Settings** > **General**.
2. In the **Sounds and vibrate** section, touch the option you want to configure.
   - Touch **Phone ringtone** to select the ringtone for incoming call notification.
   - Check **Dialpad tones** to play sounds when you touch the dialpad keys.
   - Check **Also vibrate for calls** to enable vibration for incoming call notification.

Edit Quick Response to Rejected Callers

1. Touch the **Home Key >**  **>**  (in the top search field) **> Settings > General > Quick responses**.
2. Touch a text message to edit it.

Set Voicemail

1. Touch the **Home Key >**  **>**  (in the top search field) **> Settings > Calls**.
2. Touch **Voicemail** to configure voicemail settings.
   - Touch **Service** to select the voicemail service provider. Your carrier is the default.
   - Touch **Setup > Voicemail number** to edit the voicemail number.
   - Touch **Sound** to select the notification sound for new voicemails.
   - Check **Vibrate** to enable vibration for notification.

Use Fixed Dialling Numbers

Fixed Dialling Numbers (FDN) allows you to restrict outgoing calls to a limited set of phone numbers.

1. Touch the **Home Key >**  **>**  (in the top search field) **> Settings > Calls**.
2. Touch **Fixed Dialling Numbers** and the following options are available.
   - **Enable FDN:** Input the PIN2 code to enable the FDN

feature.

- **Change PIN2:** Change the PIN2 code for FDN access.
- **FDN list:** Manage the FDN list.

NOTE:

The PIN2 code is provided by your carrier. Entering an incorrect PIN2 code more times than allowed can get your micro-SIM card locked. Contact the service provider for assistance.

Set Speed Dials

You can touch and hold the 1 ~ 9 keys from the dialer to call the corresponding speed dial number.

The number key 1 is reserved to speed dial your voicemail.

To assign a speed dial key:

1. Touch the **Home Key >**  **>**  (in the top search field) **> Settings > Calls > Speed dial**.
2. Touch a speed dial key.
3. Enter a phone number or select one from the contact list.
4. Touch **OK**.

Forward Incoming Calls

Call forwarding feature allows you to forward your incoming calls to another phone number.

1. Touch the **Home Key >**  **>**  (in the top search field) **> Settings > Calls > Call forwarding**.
2. Touch an available option (**Always forward**, **When busy**,

When unanswered, or **When unreachable**) to enable it.

Bar Certain Calls

Call barring feature allows you to forbid certain types of calls from your phone.

1. Touch the **Home Key >**  **>**  (in the top search field) **> Settings > Calls > Call barring**.
2. Set the restriction of specific types of calls from your phone.

Other Options

1. Touch the **Home Key >**  **>**  (in the top search field) **> Settings > Calls > Additional settings**.
2. Touch **Caller ID** to choose whether your number is displayed when someone receives your outgoing call. Or check **Call waiting** to get notified of incoming calls during a call.

NOTE:

Please contact the service provider to check whether the caller ID and call waiting features are available.

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, touch the **Home Key >**  **> Contacts**. From there, you can touch the tabs on the top of the screen to quickly switch to favorite contacts.

Checking Contact Details

1. Touch the **Home Key >**  **> Contacts** and touch the **ALL CONTACTS** tab to access your contact list.
2. Scroll through the list to view all your contacts.
3. Touch a contact to view its details.

 **NOTE:**

If you have a lot of contacts stored, you'll see a slider on the right side of the screen. Drag the slider to the initial letter you need.

Adding a New Contact

1. Touch the **Home Key >**  **> Contacts**.
2. Touch  to add a new contact.
3. Touch the account field near the top of the screen to choose

where to save the contact. If a sync account is selected, the contacts will be synced automatically with your account online.

4. Enter the contact name, phone numbers, email addresses, and other information.
5. Touch ✓ to save the contact.

Setting Up Your Own Profile

You can create your own name card in your phone.

1. Touch the **Home Key >** ⋮⋮⋮ **> Contacts** and touch the **ALL CONTACTS** tab.
2. Touch **Set up my profile**.

   If a profile has already been set up, touch the listing beside **ME** and touch ✎.
3. Edit your profile information.
4. Touch ✓.

Importing, Exporting, and Sharing Contacts

You can import/export contacts from/to your micro-SIM card, the phone storage, the microSDHC card or your online accounts. This is especially useful when you need to transfer contacts between different devices. You can also quickly share your

contacts using Bluetooth, email, messages, etc.

Import or Export Contacts

1. Touch the **Home Key >** **> Contacts**.
2. Touch **> Import/export**.
3. Select the source of the contact data and touch **NEXT**.
4. Select the destination of the imported/exported contacts and touch **NEXT**.
5. If necessary, select the contacts you want to import or export and touch **OK**.

Share Contacts

1. Touch the **Home Key >** **> Contacts**.
2. Touch **> Share visible contacts**.
3. Check the contacts you want to share and then touch **OK**.
4. Choose how to share the contacts. Options depend on the applications and services installed.

Working with Favourite Contacts

In the favorite contacts tab, you can find your favorite contacts and frequently contacted contacts.

Add a Contact to Favorites

You can add the contacts you use frequently to **FAVOURITES** so that you can find them quickly.

1. Touch the **Home Key >** **> Contacts** and touch the **ALL CONTACTS** tab.
2. Touch a contact and then touch at the top.

Remove a Contact From Favorites

1. Touch the **Home Key >** **> Contacts** and touch the **FAVOURITES** tab.
2. Touch a favorite contact and then touch at the top.

Working with Groups

View Your Contact Groups

1. Touch the **Home Key >** **> Contacts** and touch **>** **Groups**.
2. Scroll through the list to view the preset groups and any groups you have created.
3. Touch a group to view its members.

NOTE:

To send a message or an email to the group members, you can touch **> Send group message/Send group E-mail** after you

open the group.

Set Up a New Group

1. Touch the **Home Key >**  **> Contacts** and touch  **> Groups**.
2. Touch  to create a new group.
3. Touch to choose an account for the new group.
4. Touch the **Group's name** field and enter the group name.
5. Add contacts to the group.
   - Touch the **Type person's name** field to enter the name of the contact you want to add to the group. As matching entries appear below the field, touch the one you need.
   - Touch  and check the contacts you want to add to the group. Then touch **OK**.
6. Touch .

Delete a Group

1. Touch the **Home Key >**  **> Contacts** and touch  **> Groups**.
2. Touch a group and then touch  **> Delete**.
3. Touch **OK** to disband the group. The contacts in the group will not be deleted.

Edit a Group

1. Touch the **Home Key >** **> Contacts** and touch **> Groups**.
2. Touch a group and then touch **> Edit**.
3. Touch the group name line to edit the group name or touch / to add/remove members.
4. Touch .

Searching for a Contact

1. Touch the **Home Key >** **> Contacts**.
2. Touch or **> Search** at the top of the screen.
3. Input the contact name or any information the contact has to search for it. The contacts matched will be listed.

Editing Contacts

Edit Contact Details

1. Touch the **Home Key >** **> Contacts**.
2. Touch a contact you need to edit and then touch .
3. Edit the contact and touch .

Set a Ringtone for a Contact

Assign a special ringtone to a contact, so you know who is calling when you hear the ringtone.

1. Touch the **Home Key >** **> Contacts**.
2. Touch a contact you want to set a ringtone for and then touch **> > Set ringtone**.

   NOTE:
   The contact must be saved on the phone, not the micro-SIM card.
3. Select a ringtone you like and touch **OK**.
4. Touch .

Delete Contacts

1. Touch the **Home Key >** **> Contacts** and touch the **ALL CONTACTS** tab.
2. Touch **> Delete contact**.
3. Check the contacts you want to remove and then touch **OK**.
4. Touch **OK** to confirm.

Join Contacts

As your phone synchronizes with multiple online accounts, you may see duplicate entries for the same contact. You can merge all the separate information of a contact into one entry in the contacts list.

1. Touch the **Home Key >** **> Contacts**.
2. Touch a contact entry to display the contact's details and then touch .
3. Touch **> Join**.
4. Touch the contact whose information you want to join with the first entry.
5. Touch .

The information from the second contact is added to the first contact, and the second contact is no longer displayed in the contacts list.

You can repeat these steps to join another contact to the main contact.

Separate Contact Information

If contact information from different sources was joined in error, you can separate the information back into individual contacts on your phone.

1. Touch the **Home Key >** **> Contacts**.
2. Touch a contact entry you have merged and want to separate, and then touch .
3. Touch **> Separate**.
4. Touch **OK** to confirm.

Accounts

Adding or Removing Accounts

You can add multiple Google accounts and Microsoft Exchange ActiveSync® accounts. You may also add other kinds of accounts, depending on the apps installed on your phone.

Add an Account

1. Touch the **Home Key >**  **> Settings > Accounts > Add account**.
2. Touch the type of account you want to add.
3. Follow the onscreen steps to enter the information about the account. Most accounts require a username and password, but the details may vary. You may also need to obtain some information from IT support or your system administrator.

When the account is successfully added, it is displayed in the **Accounts** menu.

Remove an Account

Removing an account will delete it and all information associated with it from your phone, such as emails and contacts.

1. Touch the **Home Key >**  **> Settings > Accounts**.

2. Touch the account category and then touch the account.
3. Touch > **Remove account** > **REMOVE ACCOUNT**.

Configuring Account Sync

Configure Auto Sync Setting

1. Touch the **Home Key** > > **Settings** > **Accounts**.
2. Touch and check or uncheck **Auto-sync data** to enable or disable the auto sync feature.
   - When automatic sync is turned on, changes you make to information on your phone or on the web are automatically synced with each other.
   - When automatic sync is turned off, you need to sync manually to collect emails, updates, or other recent information.

Sync Manually

1. Touch the **Home Key** > > **Settings** > **Accounts**.
2. Touch the account category and then the account you want to sync.
3. Touch > **Sync now**. Or touch the types of information you want to sync.

Change an Account’s Sync Settings

1. Touch the **Home Key >**  **> Settings > Accounts**.
2. Touch the account category and then the account. The **Sync** screen appears, showing a list of information the account can sync.
3. When auto-sync is enabled, switch on items as you need. The types of information switched on on the phone and the web will be kept in auto-sync.

Email

Touch  in the home screen and select **Email**. Use it to receive and send emails from your webmail or other accounts, using POP3 or IMAP, or access your Exchange ActiveSync account for your corporate email needs.

Setting Up the First Email Account

1. When you open **Email** for the first time, enter your email address and password.
2. Touch **NEXT** to let the phone retrieve the network parameters automatically.

   NOTE:
   You can also enter these details manually by touching **MANUAL SETUP** or when automatic setup fails.
3. Follow the on-screen instructions to finish the setup.

Your phone will show the inbox of the email account and start to download email messages.

Checking Your Emails

Your phone can automatically check for new emails at the interval you set when setting up the account.

You can also check new emails manually by dragging down on the message list.

Responding to an Email

You can reply to or forward a message that you receive. You can also delete messages and manage them in other ways.

Reply to or Forward an Email

1. Open the email you want to reply to or forward from the Inbox.
2. Do the following as you need:
   - To reply to the sender, touch .
   - To reply to the sender and all recipients of the original email, touch  or  **> Reply all**.
   - To forward the email to someone else, touch  or  **> Forward**.
3. Edit your message and touch .

Mark an Email as Unread

You can return a read email to the unread state - for example, to remind yourself to read it again later. You can also mark a batch of emails as unread.

- While reading a message, touch .
- While in a message list (for instance, the inbox), touch the sender images before the messages and then touch .

Delete an Email

You can delete an email from its folder. You can also delete a batch of emails.

- While reading a message, touch .
- While in a message list (for instance, the Inbox), touch the sender images before the messages and then touch .

NOTE:

If you accidentally delete one, touch **UNDO** to retrieve it.

Writing and Sending an Email

1. Open your email inbox and touch .

   NOTE:

   If you have more than one email account added on the phone, touch the sender line to select the account you want to use for sending the message.

2. Enter a contact name or email address in the 'To' field. Separate each recipient with a comma.

   NOTE:

   To send a carbon copy or blind carbon copy to other recipients, touch to open the **Cc/Bcc** field and enter the contact names or email addresses.

3. Enter the email subject and compose the email text.
4. Touch to add audio files, images, videos and other

types of files as attachments.

5. Touch  at the top right of the screen to send the message.

Adding and Editing Email Accounts

Add an Email Account

After setting up your first email account (see *Setting Up the First Email Account*), you can add more email accounts and manage them separately.

1. Open **Email** to get the **Inbox** screen.
2. Touch  **> Settings > Add account**.
3. Follow the prompts to set up the account as you did with the first one.

Edit an Email Account

You can change a number of settings for an account, including how often you check for email, how you're notified of new mails, your email signature, and details about the servers the account uses to send and receive mails.

1. Open **Email** to get the **Inbox** screen.
2. Touch  **> Settings** and touch the account whose settings you want to change.
3. Make the changes and touch  when you finish.

Changing General Email Settings

General settings apply to all email accounts you add.

1. Open **Email** to get the **Inbox** screen.
2. Touch  **> Settings > General settings**.
3. Make the changes and touch  when you finish.

Messaging

You can use Messaging to exchange text messages (SMS) and multimedia messages (MMS).

Opening the Messaging Screen

Touch the **Home Key >** **> Messaging**.

The **Messaging** screen opens, where you can create a new message, search for messages, or open an ongoing message thread.

- Touch to write a new text or multimedia message.
- Touch **> Search** to search for a message using keywords.
- Touch an existing message thread to open the conversation you've had with a certain number.

Sending a Message

1. On the **Messaging** screen, touch at the top.
2. Add recipients by one of the following ways.
   - Touch the recipient line and manually enter the recipient's number or the contact name. If the phone presents a few suggestions, touch the one you want to add.

- Select recipients from your contacts by touching .

3. Touch the **Type text message** field and enter the message text.
4. If you want to send a multimedia message, touch  **> Add subject** to add a message subject or touch  to attach a file or a slideshow to the message.
5. Touch  or **SEND**.

NOTE:

You can also include email addresses as recipients for multimedia messages.

NOTE:

Do not add a message subject or any attachment if you want to send a text message. Otherwise you may be charged for a multimedia message.

Replying to a Message

Messages you receive are appended to existing threads of the same number. If the new message comes from a new number, a new thread is created.

1. On the **Messaging** screen, touch the thread that has the message you want to reply to.
2. Type your reply in the text box at the bottom. You can touch  if you want to reply with an MMS.

3. Touch  or **SEND**.

Forwarding a Message

1. On the **Messaging** screen, touch the thread that has the message you want to forward.
2. Touch and hold the message and then touch **Forward** in the menu that opens.
3. Enter a recipient for the message and edit the content if you want.
4. Touch  or **SEND**.

Copying a Message

You can copy text messages in the phone storage to the micro-SIM card, or vice versa.

To copy a text message from the phone to the micro-SIM card:

1. On the **Messaging** screen, touch the thread that has the message you want to copy.
2. Touch and hold the message and then touch **Save message to SIM card**.

To copy a text message from the micro-SIM card to the phone:

1. On the **Messaging** screen, touch  **> Settings > Text Message (SMS) > Manage SIM card messages**.
2. Touch and hold a message and then touch **Copy to phone**

memory.

Changing Message Settings

Touch  **> Settings** in the **Messaging** screen to change the messaging settings.

Calendar

Calendar on the phone works with the web-based Google Calendar™ service for creating and managing events, meetings, and appointments. It also works with the Microsoft Exchange ActiveSync calendar once you sign into your Exchange account on the phone.

To open Calendar, touch  in the home screen and select **Calendar**.

Viewing Your Calendars and Events

Select Visible Calendars

1. Open the **Calendar** app.
2. Touch  **> Calendars to display**.
3. Touch the calendars to check the ones you want to see or uncheck the ones you'd like to hide.

Events from hidden calendars are not shown in the Calendar app.

Change Calendar Views

You can view your calendars in different forms. The app offers four view types: Month, Week, Day, and Agenda.

To change calendar views, touch the time period shown at the top left and select the view you prefer. You can also change to

Day view from Month view by touching any day in the monthly calendar.

- In Month view, swipe vertically to see previous and future months.
- In Week or Day view, swipe horizontally to see previous and future weeks/days.
- When you are viewing past or future days, weeks, or months, touch the date icon at the top right to quickly switch to today.

View Event Details

In Agenda, Day, or Week view, touch an event to view its details.

In Month view, touch a day to switch to Day view or Agenda view. Then touch an event to view its details.

Creating an Event

1. In any Calendar view, touch ⋮ **> New event**.

   You can also touch a spot in Day or Week view twice to add an event to that time block.

2. If you have more than one calendar account, touch the current account above the **Event name** line to choose one.
3. Enter the event details and touch **DONE**.

Editing or Deleting an Event

1. Find the event you want to edit or delete.
2. Open its details screen (see ***View Event Details*** in this chapter).
3. Do one of the following as you need.

   - To edit the event, touch ⋮ **> Edit**. Touch **DONE** to save your changes.
   - To delete the event, touch ⋮ **> Delete > OK**.

Changing Calendar Settings

To change the calendar settings, open a calendar view (Day, Week, Month, or Agenda), and touch ⋮ **> Settings**.
You can change General settings, which apply to all accounts, or other settings that only apply to specific accounts.

Browser

Use **Browser** to view web pages and search for information.

Opening the Browser

Touch the **Home Key >**  **> Browser** to launch the web browser.

The browser also opens when you touch a web link - for example, in an email or a text message.

Open a Web Page or Search the Web

1. Open the **Browser** app.
2. Touch the address box at the top of the web page.
3. Enter the address (URL) of a web page. Or, enter terms you want to search for.
4. Touch a URL or search suggestion or touch the enter key on the keyboard to open the web page or search results.

NOTE:

Touch and hold the **Recent Apps Key** and then touch **Stop** if you want to stop opening the page.

Set the Homepage

Your home page opens when you open a new browser tab, and when you start **Browser** after restarting your phone.

1. Open the page you want to set as your home page.
2. Touch and hold the **Recent Apps Key** and then touch **Settings > General > Set homepage**.
3. Touch **Current page** or one of the following options.
   - **Blank page:** Open browser tab without opening a web page by default. This can make new browser tabs open more quickly.
   - **Default page:** Set the factory default URL as the homepage.
   - **Most-visited sites:** Every new browser tab displays a list of your frequently visited sites for you to choose from.
   - **Other:** Type a URL as the homepage.

Using Multiple Browser Tabs

You can open several web pages at the same time (one page in each tab) and switch between them freely.

To open a new browser tab:

1. Touch the tabs icon  at the bottom. If the icon isn't visible, scroll on the page to show it. The number in the icon indicates the number of currently active browser windows.

2. Touch + at the top right of the screen. A new browser window opens and the homepage is loaded.

To switch between tabs:

1. Touch the tabs icon .
2. Swipe vertically to scroll through the list of opened tabs.
3. Touch the thumbnail of the tab you want to open.

NOTE:
Swipe a thumbnail horizontally or touch its **X** to close the tab.

Downloading Files

1. Touch and hold an image or a link to a file or to another webpage.
2. In the menu that opens, touch **Save image** or **Save link**.

The downloaded files are saved to your phone or the microSDHC card. You can view or open the downloaded files in the **Downloads** app (**> Downloads**).

Changing Browser Settings

You can configure a number of Browser settings to customize the way you browse the web, including several that you can use to control your privacy.

To open the Browser settings screen, touch and hold the **Recent Apps Key** and then touch **Settings** in the web page screen.

Camera

You can use your phone to take photos and record videos. Photos and videos are stored on the microSDHC card you have installed or in the phone storage. You can copy them to your computer or check them out in the **Gallery** app.

Capturing a Photo or a Video

1. Touch the **Home Key >** **> Camera**.
2. Aim the camera at the subject and make any necessary adjustment.



Number	Function
1	Enable different photo-capturing modes (normal, live photo, face beauty, panorama, and multi-angle view mode).
2	Change the camera settings.
3	Capture a video.
4	Capture a photo.
5	View photos and videos you have captured.
6	Switch between the front and back camera.
7	Enable the High-Dynamic Range (HDR) mode when capturing a photo with high illumination contrast to keep more details in both the bright and the dark areas.
8	Enable the smile detection mode and the camera will capture the picture as it detects a smile.

NOTE:

You can spread or pinch on the screen to zoom in or out before taking picture or during video recording.

3. Touch to take a photo or touch to start recording.
   You can touch / to pause or continue the video recording, or touch to save the frame as a separate photo during video recording.
   For video recording, touch to stop.

NOTE:

You can touch and hold  to take burst shots.

Customizing Camera Settings

Before capturing a photo or video, you can touch  to open the following camera setting options.

- **Camera settings** 
  - **Zero shutter delay:** Capture the picture with less delay time when you touch .
  - **Face detection:** Turn on this feature to allow the camera to capture clearer faces in pictures.
  - **Auto scene detection:** Automatically adjust scene mode according to the surrounding lighting.
  - **Self timer:** Set a time delay before the camera takes a picture automatically after you touch , or turn off this feature.
  - **Picture size:** Set the image size for your photo.
  - **Preview size:** Select the length-width ratio for the preview screen.
  - **ISO:** Select ISO level or leave it at **Auto**.
  - **Face beauty:** Set wrinkle removal and whitening for the camera to beautify people's faces in the pictures after the face beauty mode is enabled.
- **Camcorder settings** 

- **EIS:** Turn on the EIS (Electronic Image Stabilization) feature to reduce shakes of the video clips.
- **Microphone:** Turn on or off audio when recording video clips.
- **Audio mode:** Set the audio mode according to different circumstances.
- **Time lapse:** Set the frame interval when recording time lapse videos.
- **Video quality:** Set the quality for your video.

- **Other settings**
  - **Store location:** Select whether to store the location information in captured picture and video files.
  - **Exposure:** Adjust the exposure. To let the camera set the exposure automatically, touch 0.
  - **Colour effect:** Select a colour effect for pictures and videos.
  - **Scene mode:** Manually select a scene mode with fixed exposure, white balance and other properties that suit your environment.
  - **White balance:** Select how the camera adjusts colours in different kinds of light to achieve the most natural-looking colours for your shots or allow the camera to adjust the white balance automatically.
  - **Image properties:** Set sharpness, hue, saturation, brightness and contrast levels.
  - **Anti-flicker:** Set the frequency value or leave it on **Auto**.

This feature can avoid stripes on pictures you take of TV or computer screens.

- **Restore defaults:** Restore the default camera and camcorder settings.

Gallery

Opening Gallery

Touch the **Home Key >**  **> Gallery** to view albums of your pictures and videos.

Working With Albums

When you open Gallery, all pictures and videos on your phone are displayed in a number of albums.

To view album contents:

Touch an album to view the pictures and videos it contains.

To share albums, pictures, or videos:

1. Touch and hold an item in the Albums view to select an album or after you open an album to select a picture or a video.
2. Touch more items that you want to share.
3. Touch  and select how you want to share the items.

To delete albums, pictures, or videos:

1. Touch and hold an item in the Albums view to select an album or after you open an album to select a picture or a video.

2. Touch more albums that you want to delete.

3. Touch **> OK**.

Working With Pictures

Touch a picture in an album to view the picture in full screen. When viewing a picture in full screen, the following features are available.



- Swipe horizontally to see more pictures or videos.
- Pinch a picture or video to make it smaller. You'll then see a filmstrip-style view of all your pictures and videos in a row. Swipe left or right to scan through them all.

NOTE:

You can delete a picture or video by swiping it up or down in the filmstrip view. If you accidentally delete one, touch **UNDO** to retrieve it.

- Double-tap the picture, or pinch two fingers together or spread them apart to zoom out or in.
- Touch  to edit the picture.
- Touch  and select a method to share the picture.
- Touch  to access more options. You can delete, edit, rotate, crop the picture, set it as the wallpaper or contact photo, check its details, browse the album contents in a slideshow, or print the picture.
- Touch  to return to the album.

NOTE:

Some options may not be available for certain albums or pictures.

Retouching Your Pictures

You can edit any photos you took and some other pictures in **Gallery**.

1. Touch  or  **> Edit** while viewing a picture in full screen.
2. Touch the icons along the bottom of the screen to edit the picture.

	Apply effects, such as punch, vintage, black/white, bleach, and instant on the picture.
	Select a frame for the picture.
	Crop, straighten, rotate, mirror, or doodle the picture.
	Apply and adjust effects such as exposure, vignette, contrast, and shadows on the picture.

3. To undo or redo the changes you've made to the picture, touch  or  at the top of the screen.
4. Touch **SAVE** to save the picture.

Playing Videos

1. Touch an album in the gallery and then touch the thumbnail of a video.
2. Select a player to start playing. Touch the video to view the playback controls.

NOTE:

In **Video player**, you can touch  **> Trim** to trim the video and save it as a new video file.

Music

Touch the **Home Key >**  **> Music** to play audio files stored on your phone. **Music** supports a wide variety of audio formats, so it can play music you purchase from online stores, music you copy from your CD collection, and so on.

Copying Music Files to Your Phone

Before using Music, you need to copy or download audio files to your phone.

Copy From a Computer

1. Connect your phone and the computer with a USB cable.
2. Open the notification panel and touch .
3. Touch **Media device (MTP)** or **USB storage**. See *Connect Your Phone to a Computer via USB*.
4. Copy the music files from the PC and paste them to the phone storage or the microSDHC card.

Download From the Internet

You can download music files when browsing web pages. See *Downloading Files*.

Receive via Bluetooth

You can receive music files from other devices via Bluetooth. See *Receive Data via Bluetooth*.

Receive via Wi-Fi Direct

You can receive music files from other devices via Wi-Fi Direct. See *Receive Data via Wi-Fi Direct*.

Viewing Your Music Library

Touch the **Home Key >**  **> Music** and your music library is displayed. All your audio files are cataloged, according the information stored in the files.

- Touch **Artists/Albums** to browse music files on your phone organized by the artist or album name.
- Touch **Songs** to view all music files on your phone.
- Touch **Playlists** to view all music playlists you have created.

NOTE:
If an audio file is being played, its summary information is displayed at the bottom of the music library screen. Touch the summary area to open the playback screen.

Setting a Song as the Default Ringtone

The song will be used as the ringtone for all incoming calls, except those from contacts to whom you have assigned special ringtones (see *Set a Ringtone for a Contact*).

1. Touch the **Home Key >** **> Music** to see the music library.

   NOTE:

   If you are in the playback screen, touch the **Back Key** to return to the music library.

2. Touch and hold a song.
3. In the menu that opens, touch **Use as phone ringtone**.

NOTE:

If the song is being played and you're in the playback screen, you can touch **> Use as ringtone**.

Playing Music

Touch a song in the music library to listen to it. The following playback screen appears.



Number	Function
1	Touch to return to the music library.
2	Album artwork (if available).
3	Artist, album and song information. You can touch and hold to search for it online, in your music library, or on YouTube.

4	Playback control. Skip songs, fast-forward, rewind, or pause and resume playback. Drag the slider to jump to any part of the song.
5	Touch to toggle repeat mode: no repeat, repeat the current song, or repeat the current playlist.
6	Touch to play the current playlist in shuffle mode, where tracks are played in random order.
7	Touch to see the current playlist.
8	Search for music with keywords.
9	Touch for more options.

Managing Playlists

Create playlists to organize your music files into sets of songs, so that you can play the songs you like in the order you prefer.

- To add a song to a playlist or create a new playlist, touch and hold the song and touch **Add to playlist**.
- To delete a playlist, touch and hold a playlist and touch **Delete**.
- To rename a playlist, touch and hold it and touch **Rename**.
- To rearrange the songs in the playlists, touch and hold the handle in front of a song in the playlist, drag up or down to change its order.

NOTE:

The above options may not be available for certain automatically created playlists, such as **Recently added**.

FM Radio

With the FM radio, you can search for radio channels, listen to them, and save them on 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. When you receive an incoming call while listening to the radio, the radio will be turned off.

Scanning and Saving Channels

1. Plug in a wired headset and touch the **Home Key** > > **FM Radio**.
2. Touch > **Search**. Your phone scans for all available channels and saves them to the channel list. Touch to see them.

NOTE:

All previously saved channels will be removed if you scan again.

Listening to FM Radio

1. Plug in a wired headset and touch the **Home Key** > > **FM Radio**.
2. Touch and select a channel.

You can also touch  or  to switch to other channels, or touch  or  to adjust the channel frequency.

NOTE:

Touch  **> Speaker** to listen to the radio programs through the phone speaker.

Recording Radio Programs

When you listen to the radio, you can record your favorite programs and save the audio on the phone.

1. Touch  **> Record FM >**  to start recording.
2. When the program ends, touch .
3. Edit the name of the recording file and touch **SAVE**.

Recorded files are stored automatically in a folder (*FM Recording*, for instance) in the phone storage or microSDHC card. You can access them with the **File Manager** app.

Adding a Channel to Favourites

1. Open the **FM Radio** app and touch  to display the channel list.
2. Touch and hold a channel and select **Add to Favourites**.
3. If necessary, touch the **Name** field to give a new name to the channel.

4. Touch **OK**.

NOTE:

You can also edit a favourite channel. Just touch and hold it in the channel list and select **Edit** to change its name and frequency.

Sound Recorder

Sound Recorder enables you to record voice memos and listen to them whenever you like.

Recording a Voice Memo

1. Touch the **Home Key >** **> Sound Recorder**.

   NOTE:

   You can touch **> Voice quality** or **Recording mode** to set the recording options.

2. Touch to start recording. You can pause and continue during the recording.
3. Touch to stop recording.
4. Touch **SAVE** to save the memo or **DISCARD** to delete it.

Playing a Voice Memo

To play a memo you just recorded:

Touch at the bottom of the screen.

To play any saved memo:

1. Touch  at the bottom right of the screen to see all recordings.
2. Touch the title of a memo to play it.

 **NOTE:**

You can also touch and hold the memo to delete it.

More Apps

Backup and Restore

Touch the **Home Key >** **> Backup and Restore**. You can back up your user data, such as contacts, messages, and installed applications to the microSDHC card regularly. If the data get lost, restore it from the microSDHC card.

Calculator

Touch the **Home Key >** **> Calculator** to use the phone's convenient built-in calculator for some basic as well as advanced mathematical equations.

NOTE:

Slide left while holding the phone upright, or hold the phone on its side, to access advanced buttons.

Clock

Touch the **Home Key >** **> Clock**. The **Clock** app allows you to check local time in places around the world, set alarms, and use timers.

Set a New Alarm

1. Touch the tab in the **Clock** app.
2. Touch an existing alarm to configure it, or touch at the bottom of the screen to create a new alarm.
3. Set the time and touch **OK**. Then edit label, repeat, alarm sound.

NOTES:

- To enable or disable existing alarms directly, just touch the switches on the right side.
- If necessary, touch **> Settings** to set more alarm options in the **Alarms** section.

Check World Time

Touch the tab in the **Clock** app to check local time around the world as well as the next alarm.

Touch at the bottom to add other cities.

Use the Stopwatch and Countdown

Touch the or tab in the **Clock** app to use the stopwatch or the countdown timer.

Stopwatch allows you to record lap times, while countdown allows you to set a time and count down to zero.

Downloads

The **Downloads** app keeps a record of the files you have downloaded using apps such as **Browser** or **Email**.

Touch the **Home Key >** **> Downloads** to check the record.

- Touch a file to open it with the appropriate application.
- Touch and hold a file to delete or share it.

File Manager

Quickly access all of your images, videos, audio clips, and other types of files on your phone storage and the microSDHC card.

Touch the **Home Key >** **> File Manager**.

- Touch folders and files to access stored items.
- Touch and hold an item to access option icons such as Copy, Move, Share, or Delete.
- To copy or move an item, navigate to a new location and touch .
- Touch to create a new folder in the current directory.

System Updates

Touch the **Home Key >** **> System Updates**. You can check your system's software status, check for updates, or change update settings.

Google Apps

Open the Google apps to use Google services.

NOTE:

Some contents or Google services may not be available in your region.

- **Chrome:** Use the Chrome app to browse the Internet and get your bookmarks, browsing history, and more synced with your Google account.
- **Drive:** Store files on Google servers for free after you sign in to your Google account. You can access them on your computers, your phones and other devices, share them, or collaborate with others.
- **Gmail:** Send and receive emails via your Gmail account or other personal email accounts.
- **Google:** Use Google search or get information when you need it with Google Now.
- **Google+:** Socialize with friends on the Google+ online community.
- **Hangouts:** Chat with Google+ friends or send text or multimedia messages.
- **Maps:** Find your place and find your way in the world.
- **Photos:** Manage photos on the phone and your Google account.
- **Play Music:** Play music on the phone and on your Google

account.

- **Voice Search:** Search for information with your voice.
- **YouTube:** Watch video clips from YouTube.com, or upload your own and share with the world.

Google Play™ Store

Touch the **Home Key >** . You can buy or rent music, books, movies, apps, and download them to your phone.

NOTE:

The content you can access in Google Play Store depends on your region and your service provider.

Browsing and Searching for Apps

You can browse apps by category. Touch a top-level category, such as **GAMES** and touch the app from any subcategory.

You can also search for apps using an app's name or description, or the developer's name. Just touch  and enter the search terms.

Downloading and Installing Apps

When you find the app you are interested in through browsing or searching, touch it to open its details screen, where more information about the app is displayed.

1. Touch **INSTALL** (free apps) or the price (paid apps). If the app is not free, you need to sign in to your Google Wallet™ account and select a payment method.

CAUTION:

Once installed, some apps can access many functions or a significant amount of your personal data. The Play Store will show you what the app can access. Touch **ACCEPT** to proceed, or touch the **Back Key** to cancel.

2. Wait for the app to be downloaded and installed automatically. Payment needs to be authorized before paid apps start downloading.

The app is successfully installed when appears in the status bar. You can find the new app after touching the **Home Key >** .

Creating a Google Wallet™ Account

You must have a Google Wallet account associated with your Google account to purchase items from the Google Play Store app.

Do one of the following:

- On your computer, go to *wallet.google.com* to create a Google Wallet account.
- The first time you use your phone to buy an item from Google Play Store, you're prompted to enter your billing information to set up a Google Wallet account.

WARNING!

When you've used Google Wallet once to purchase items from the Google Play Store app, the phone remembers your password so you don't need to enter it the next time. For this reason, you should secure your phone to prevent others from using it without your permission.

Managing Your Downloads

After you've downloaded and installed an app, you can rate it, view it in a list with your other downloaded apps, configure it to update itself automatically, and so on.

View Your Downloaded Apps

1. In the Play Store screen, touch  **> My apps**.
2. Your list of installed apps opens, you can touch one to rate it, uninstall it, request a refund, and so on.

Uninstall an App

1. In the Play Store screen, touch  **> My apps**.
2. Touch an app to open its details screen.
3. Touch **UNINSTALL > OK**.

Settings

Touch the **Home Key >**  **> Settings**. The **Settings** app contains most of the tools for customizing and configuring your phone.

Wireless and Networks

Wi-Fi

Turn Wi-Fi on or off and configure your Wi-Fi connections. See *Connecting to Wi-Fi®.*

When Wi-Fi is on, touch  **> Advanced > Wi-Fi Direct** in the **Wi-Fi** menu to share data between two devices via Wi-Fi directly. See *Using Wi-Fi Direct®.*

Bluetooth

Turn Bluetooth on or off and configure your Bluetooth connections. See *Connecting to Bluetooth® Devices*.

Data Usage

Touch the **Mobile data** switch on the MOBILE tab to turn on or off mobile data.

You can check how much data has been used during the time circle you set, set mobile data limit and warning, see what app

has been using mobile data, or restrict background data for individual apps.

NOTE:
The data usage is measured by your phone, and your carrier's data usage accounting may differ.

Touch **> Network restrictions** to select Wi-Fi networks that are mobile hotspots. Data usage on recognized mobile hotspots will be restricted to avoid high mobile data bills.

Aeroplane Mode

Touch the **Home Key > > Settings > More** and slide the switch beside **Aeroplane mode** to turn aeroplane mode on or off. All the phone's radios that transmit voice or data are turned off when aeroplane mode is on.

Default SMS App

Touch the **Home Key > > Settings > More** and touch **Default SMS app** to choose the preferred application for sending and receiving messages.

Tethering and Portable Hotspot

Touch the **Home Key > > Settings > More > Tethering & portable hotspot** to share your phone's mobile data connection with PCs or other devices via USB, Bluetooth or Wi-Fi. See *Sharing Your Mobile Data Connection*.

VPN

Touch the **Home Key >** **> Settings > More > VPN** to set up and connect to virtual private networks. See *Connecting to Virtual Private Networks*.

Mobile Networks

Touch the **Home Key >** **> Settings > More > Mobile networks** to control mobile data use, set network type, select mobile network and set access point names. See *Connecting to Mobile Networks*.

Device

Display

- **MiraVision™:** Use easy real time enhancement of picture quality. Touch **> Picture mode** to select the one you prefer. User mode allows manual adjustment of the display for preferred effect.
- **Wallpaper:** Select a background image or animation for the home screen and lock screen.
- **Brightness level:** Set the brightness of the display.
- **Adaptive brightness:** Automatically adjust screen brightness.
- **Sleep:** Set the length of time of inactivity before the screen turns off automatically.
- **Daydream:** Manage the Daydream function. When

Daydream is enabled, clock, photos or animations will be displayed as a screensaver.

- **Font size:** Set the font size of the text on the screen.
- **When device is rotated:** Select whether the screen contents should rotate when the phone is rotated.

Sound & Notifications

Select a predefined profile or touch  **> Add** to create a new one, adjust different types of volume (see *Adjusting Volume*), toggle sound, vibration and mute (see *Switching to Silent Mode*), set up ringtone and notification sound (see *Changing Ringtone and Notification Sound*), select system sounds (see *Turning On/Off System Sounds*), control notification display, or set sound enhancement.

Storage

The **Storage** settings menu lets you check memory information for your microSDHC card and phone storage.

You can choose the default location for new data, such as files downloaded, photos captured, and voice recorded. Under **Default write disk**, select **Phone storage** or **SD card** to store items in the phone storage or the installed microSDHC card.

Touch **Unmount SD card** to unmount the microSDHC card from your phone so that you can safely remove the card while the phone is on. Touch **Erase SD card** to delete all data on the microSDHC card.

Battery

Enable or disable **Intelligent power saving standby** mode, and check how much power remains for the battery and what has been using the battery. You can touch an app to adjust its settings in order to save battery life.

Touch  **> Battery saver** to turn on or off the battery saver feature, which reduces your phone's performance and limits vibration, location services and most background data to improve battery life.

Apps

See apps installed on your phone and manage them.

Touch an app in the **Downloaded**, **Running**, or **All** tab to see its information. You can disable, stop or uninstall the app, or clear data and cache.

NOTE:

Not all applications can be uninstalled or disabled.

Personal

Location

Activate location services to determine your location. To use location-related applications, such as finding your location on Google Maps, you must have location services turned on on your phone.

1. Touch the **Home Key >** **> Settings > Location**.
2. Slide the switch at the top to turn location services on or off.
3. When location is enabled, touch **Mode** to select location sources you want to use.
   - **High accuracy:** Get accurate location using both GPS and Wi-Fi as well as mobile networks.
   - **Battery saving:** Use only Wi-Fi and mobile networks to get your approximate location. This will drain less power from your battery than using GPS.
   - **Device only:** Use GPS to pinpoint your location.

Security

- **Screen lock:** Disable the screen lock or enable it with swipe gesture, voice command, pattern, PIN, or password. See *Protecting Your Phone With Screen Locks*.
- **Make pattern visible:** Show the pattern as you draw it. This option is available when unlock pattern is set.
- **Automatically lock:** Set the time needed for the lock protection to be activated after the screen turns off. This option is available when unlock pattern, PIN or password is set.
- **Power button instantly locks:** Lock protection is activated immediately when you press the **Power Key**. This option is available when unlock pattern, PIN or password is set.

- **Owner info:** Set the text that you may display on the lock screen.
- **Smart Lock:** Keep the phone unlocked when connected to trusted devices, in trusted places, or unlocked by trusted faces.

  NOTE:

  You need to sign in to your Google account on the phone to use the **Smart Lock** feature.
- **Encrypt phone:** Encrypt your data on the phone to protect your privacy. See ***Protecting Your Phone With Encryption***.
- **Set up SIM card lock:**
  - **Lock SIM card:** Activate or deactivate the PIN lock to require PIN before accessing the micro-SIM card.
  - **Change SIM PIN:** Change the PIN used to access the micro-SIM card.

  NOTE:

  Put all your confidential passwords in a safe place for future use. If you enter the wrong SIM PIN more times than allowed, your micro-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 micro-SIM card.
- **Make passwords visible:** Display passwords as you enter them.
- **Device administrators:** View or deactivate apps you have authorized to be device administrators.

- **Unknown sources:** Check this option to permit installation of apps from sources other than the Play Store.
- **Auto-start management:** Allow apps or forbid them from auto-start every time the phone powers on.
- **App permissions:** You can turn on this feature to manage app permissions for security and privacy protection.
- **Data Protection:** Allow you to set an entry pattern to protect your data on your phone storage and microSDHC card from unwanted process. See ***Protecting Your Data***.
- **Storage type:** Check the credential storage type.
- **Trusted credentials:** Display trusted CA certificates.
- **Install from phone storage:** Install certificates from the phone storage.
- **Clear credentials:** Delete all certificates.
- **Trust agents:** View or deactivate trust agents.
- **Screen pinning:** Keep a screen of your choice in view, so that others cannot switch to other apps and access your personal information. Touch this option to see how it works. See ***Protecting Your Phone With Screen Pinning***.
- **Apps with usage access:** Turn on or off some apps' access to your phone usage information.

Accounts

Manage your accounts and synchronization. Touch **Add account** to sign in to or create accounts on your phone.

Touch an account type to see that type of accounts you have added and adjust the accounts settings.

Language and Input

- **Language:** Select a language and region for your system.
- **Spell checker:** Use Google Spell Checker to check for spelling errors when entering text.
- **Personal dictionary:** Add new words to the phone's dictionary or remove words from the dictionary. The words you add are used for spelling check and word suggestion.
- **Keyboard & input methods:** Configure text input settings. See ***Input Method Settings***.
- **Voice input:** Select and configure voice input services.
- **Text-to-speech output:**
  - **Preferred engine:** Select the speech synthesis engine you want to use or change its settings.
  - **Speech rate:** Select how quickly you want the synthesizer to speak.
  - **Listen to an example:** Play a brief sample of the speech synthesizer, using your current settings.
  - **Default language status:** Check whether the text-to-speech output feature supports the current system language.
- **Pointer speed:** Select how fast the pointer/mouse should scroll when you connect the phone to a trackpad or mouse

accessory.

Backup and Reset

- **Back up my data:** Back up app data, Wi-Fi passwords, and other settings to Google servers after you sign in to your Google account.
- **Backup account:** Set the Google account that the data is backed up to.
- **Automatic restore:** Restore previously backed up settings and data when you reinstall an app.
- **DRM reset:** Delete all Digital Rights Management (DRM) licenses.
- **Factory data reset:** Reset your phone to factory default settings. All your personal data from the phone's internal storage will be erased.

System

Date and Time

Set date, time, time zone, and how date and time are displayed. You can also use network-provided or GPS-provided data. See *Setting the Date and Time*.

Scheduled Power On and Off

Set the time and other options for automatic power on and

power off.

Accessibility

Configure accessibility plug-ins on your phone.

Printing

You can manage Google Cloud Print service or other printer plug-ins installed from the Google Play Store or your printer manufacturer.

Developer Options

Developer options contains settings that are useful when developing Android applications. The menu is hidden until you touch **Build number** in the **About phone** menu 7 times.

WARNING!

The developer option settings are intended for development use only. They can cause your phone and applications on it to break or misbehave.

About Phone

View phone status, legal information and other information. You can also upgrade your phone system.

Upgrading the Phone Software

There are several ways to upgrade your phone software.

- Use the online upgrade tool for mobile terminal products.
- Use the one-press upgrade package offered by your mobile service provider.
- Use the upgrade package on your microSDHC card.

NOTE:

Visit the ZTE official handset service support website (*ee.co.uk/help/phones-and-device*) and click your country or region to learn more about the above upgrade methods, as well as which phones and methods are supported.

Troubleshooting

If you encounter problems while using the phone, or if it performs abnormally, you can refer to the chart below. If your particular problem cannot be resolved using the information in the chart, contact the dealer where you purchased the phone.

Problem	Possible causes	Possible solution
Poor reception	The network signal is too weak at your current location, for example, in a basement or near a tall building, because wireless transmissions cannot effectively reach it.	Move to a location where the network signal can be properly received.
	The network is busy at the current time (for example, during peak times, there may be too much network traffic to handle additional calls).	Avoid using the phone at such times, or try again after waiting a short time.
	You are too far away from a base station for your service provider.	You can request a service area map from your service provider.

Problem	Possible causes	Possible solution
Echo or noise	Poor network link quality on the part of your service provider.	End the call and dial again. You may be switched to a better-quality network link or phone line.
	Poor local telephone line quality.	End the call and dial again. You may be switched to a better-quality network link or phone line.
Unable to select certain features	Your service provider does not support these features, or you have not applied for services that provide these features.	Contact your service provider.
Battery not charge	The battery or battery charger is damaged.	Contact the dealer.
	The phone's temperature is below 0 °C or higher than 45 °C.	Adjust the battery charging environment to avoid extremes of temperature.
	Poor contact between the phone and charger.	Check all connectors to ensure that all connections have been properly made.

Problem	Possible causes	Possible solution
Shortened standby time	The standby time is related to your service provider system configuration. The same phone used with different service providers' systems will not provide exactly the same length of standby time.	If you are located in an area where signaling is weak, temporarily power off the phone.
	The battery is depleted. In high temperature environments, battery life will be shortened.	Contact the dealer to change a new battery.
	If you are not able to connect to the network, the phone will continue to send out signals as it attempts to locate a base station. Doing so consumes battery power and will consequently shorten standby time.	Change your location to one where the network is accessible, or temporarily turn off your phone.

Problem	Possible causes	Possible solution
Cannot turn your phone on	Battery power has been depleted.	Recharge the phone's battery.
micro-SIM card error	micro-SIM card malfunction or damage	Take the micro-SIM card to your service provider for testing.
	micro-SIM card inserted improperly	Insert the micro-SIM card properly.
	Debris on the micro-SIM card contacts	Use a soft, dry cloth to clean the micro-SIM card contacts.
Unable to connect to the network	The micro-SIM card is invalid.	Contact your service provider.
	You are not within the network's service area.	Check the service area with your service provider.
	The signal is poor.	Move to an open space, or if you are inside a building, move closer to a window.
Cannot answer incoming calls	You have activated the **Call barring** feature.	Disable this feature. See *Bar Certain Calls*.

Problem	Possible causes	Possible solution
Cannot make outgoing calls.	You have activated the **Call barring** feature.	Disable this feature. See *Bar Certain Calls*.
	You have activated the **Fixed dialling numbers** feature.	Disable this feature. See *Use Fixed Dialling Numbers*.
PIN Code blocked	You have entered an incorrect PIN code three consecutive times.	Contact your service provider. If the service provider provides the micro-SIM card's PUK code, use the PUK code to unlock the micro-SIM card.
Phone crashes, reboots, freeze, or cannot be powered on	Some third-party software is not compatible with your phone.	Uninstall the software that may cause the problem.
		Upgrade the phone software.
		Reset the phone to factory status.

For Your Safety

General Safety

	Don’t make or receive handheld calls while driving. Never text while driving.		Don’t use at gas stations.
	Keep your phone at least 15 mm away from your ear or body while making calls.		Your phone may produce a bright or flashing light.
	Small parts may cause choking.		Don’t dispose of your phone in fire.
	Your phone can produce a loud sound.		To prevent possible hearing damage, do not listen at high volume levels for long periods.
	Avoid contact with anything magnetic.		Avoid extreme temperatures.

	Keep away from pacemakers and other electronic medical devices.		Avoid contact with liquids. Keep your phone dry.
	Turn off when asked to in hospitals and medical facilities.		Do not attempt to disassemble your phone.
	Turn off when told to in aircrafts and airports.		Only use approved accessories.
	Turn off when near explosive materials or liquids.		Don’t rely on your phone as a primary device for emergency communications.

Radio Frequency (RF) Energy

General Statement on RF Energy

Your phone contains a transmitter and a receiver. When it is ON, it receives and transmits RF energy. When you communicate with your phone, the system handling your call controls the power level at which your phone transmits.

Specific Absorption Rate (SAR)

Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves recommended by international guidelines. These guidelines were developed by the independent scientific organization ICNIRP and include safety margins designed to assure the protection of all persons, regardless of age and health.

The guidelines use a unit of measurement known as Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 2 W/kg and the highest SAR value for this device when tested at the head and body was 0.700 W/kg*. As mobile devices offer a range of functions, they can be used in other positions, such as on the body as described in this user guide**.

As SAR is measured utilizing the device's highest transmitting power, the actual SAR of this device while operating is typically below that indicated above. This is due to automatic changes to the power level of the device to ensure it only uses the minimum power required to communicate with the network.

* The tests are carried out in accordance with EN 50360, EN 62311, EN 62209-1, EN 62209-2.

** Please see body worn operation.

Body Worn Operation

Important safety information regarding radio frequency radiation (RF) exposure:

To ensure compliance with RF exposure guidelines the phone

must be used with a minimum of 15 mm separation from the body.

Failure to observe these instructions could result in your RF exposure exceeding the relevant guideline limits.

Limiting Exposure to Radio Frequency (RF) Fields

For individuals concerned about limiting their exposure to RF fields, the World Health Organization (WHO) provides the following advice:

Precautionary measures: Present scientific information does not indicate the need for any special precautions for the use of mobile phones. If individuals are concerned, they might choose to limit their own or their children's RF exposure by limiting the length of calls, or using 'hands-free' devices to keep mobile phones away from the head and body.

Further information on this subject can be obtained from the WHO home page http://www.who.int/peh-emf (WHO Fact sheet 193: June 2000).

Regulatory Information

The following approvals and notices apply in specific regions as noted.

Please find the section Declaration of RoHS Compliance and CE DOC in the end of this manual.

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 the 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 them in a clean place.
- Keep the screen and camera lens clean. Unclean screen or camera lens may slow down the phone's reaction to your operations or lower image quality.

- Clean your phone and its accessories with a soft material such as cleaning cloth for eyeglass lenses. Do not use alcohol or other corrosive substances for cleaning or allow them to get inside.
- Do not expose your phone or its accessories to open flames or lit tobacco products.
- Do not expose your phone accessories to liquid, moisture or high humidity.
- Do not drop, throw or try to bend your phone 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 or use your phone or its accessories in an environment with or that can reach extreme temperatures, minimum - [5] and maximum + [50] degrees Celsius.
- Do not place your phone inside or near heating equipments or high pressure containers, such as water heaters, microwave ovens, or hot cooking utensils. Otherwise, your phone may be damaged.
- 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.

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 metallic connectors of the micro-SIM card.

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 toward your mouth.

Air Bags

Do not place your phone in the area over an air bag or in the air bag deployment area as an airbag inflates with great force and serious injury could occur.

Place your phone safely before driving your vehicle.

Seizures/Blackouts

Your phone can produce a bright or flashing light. A small percentage of people may be susceptible to blackouts or seizures (even if they have never had one before) when exposed to flashing lights or light patterns such as when playing games or watching videos. If you have experienced seizures or blackouts or have a family history of such occurrences, please consult a physician. To reduce the risk of blackouts or seizures, you can use your phone in a well-lit room and take frequent breaks.

Repetitive Strain Injuries

To minimize the risk of Repetitive Strain Injury (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 frequent breaks to stretch and relax.

Emergency Calls

This phone, like any other wireless phone, operates using radio signals, which cannot guarantee connection in all conditions. Therefore, you should not 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 headsets or other audio devices.

Phone Heat

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 metallic objects, such as coins or key rings, or allow them to contact or short-circuit the battery terminals.

Never puncture the surface of the battery with sharp objects.

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 accessories.

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

If your phone (or its accessories) has been submerged in water, punctured, or subjected to a severe fall, do not use it until you take it to an authorized service center.

Radio Frequency Interference

General Statement on Interference

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

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

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 depends on the type of the 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 Equipment

Switch off your wireless device when you are 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 and enable aeroplane mode of your phone when boarding an aircraft.

Interference in Vehicles

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 Atmosphere

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

Areas with potentially explosive atmosphere include fueling areas, below decks on boats, fuel or chemical transfer or storage facilities, and 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 where signs are posted to power off “two-way radios” or “electronic devices” to avoid interfering with blasting operations.

Declaration of RoHS Compliance

To minimize the environmental impacts and take more responsibilities to the earth we live on, this document shall serve as a formal declaration that the Rook from EE manufactured by EE LIMITED is in compliance with the Directive 2011/65/EU of the European Parliament - RoHS (Restriction of Hazardous Substances) with respect to the following substances:

1. Lead (Pb)
2. Mercury (Hg)
3. Cadmium (Cd)
4. Hexavalent Chromium (Cr (VI))
5. Polybrominated biphenyls (PBBs)
6. Polybrominated diphenyl ethers (PBDEs)

The Rook from EE manufactured by EE LIMITED, meets the requirements of EU 2011/65/EU.

Disposal of Your Old Appliance



1. When this crossed-out wheeled bin symbol is attached to a product, it means the product is covered by the European Directive 2012/19/EU.
2. All electrical and electronic products should be disposed of separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.
3. The correct disposal of your old appliance will help prevent potential negative consequences for the environment and human health.

For this product's recycling information based on WEEE directive, please send an e-mail to weee@zte.com.cn

EC DECLARATION OF CONFORMITY

CE 1588

It is hereby declared that following designated product:

Product Type: WCDMA/LTE Multi-Mode Digital Mobile Phone

Model No:

Complies with the essential protection requirements of Directives on Radio and Telecommunication Terminal Equipment (Directive 1999/5/EC), Restriction of the Certain Hazardous Substances in electrical and electronic equipment (Directive 2011/65/EU), Eco-design Requirements for Energy-Related Products (Directive 2009/125/EC) and their amendments.

This declaration applies to all specimens manufactured identical to the samples submitted for testing/evaluation.

Assessment of compliance of the product with the requirements relating to the Radio and Telecommunication Terminal Equipment Directive (EC Directive 1999/5/EC) was performed by ACB (Notified Body No.1588), based on the following standards:

Requirement	Standard
Health and safety	EN 60950-1:2006+ EN 60950-1:2006/A11:2009+ EN 60950-1:2006/A12:2011+ EN 60950-1:A1:2010 EN50360-2001/A1:2012; EN50566-2013; EN62479-2010; EN62209-1-2006; EN62209-2-2010; EN 50332-1: 2000; EN 50332-2: 2003
EMC	EN 301 489-1 V1.9.2; EN 301 489-3 V1.6.1; EN 301 489-7 V1.3.1; EN 301 489-17 V2.2.1; EN 301 489-24 V1.5.1; EN 55013 2001/A1: 2003/A2: 2006; EN 55020 2007/A11: 2011

Radio Spectrum	EN 301 511 V9.0.2; EN 301 908-1 V6.2.1; EN 301 908-2 V6.2.1; EN 301 908-13 V6.2.1; ETSI EN 300 440-1 V 1.6.1; ETSI EN 300 440-2 V 1.4.1; EN 300 328 V1.8.1;

This declaration is the responsibility of the manufacturer:

ZTE Corporation

ZTE Plaza, Keji Road South, Hi-Tech Industrial Park, Nanshan District, Shenzhen, Guangdong, 518057, P.R.China

Authorized person signing for the company:

Yao Cuifeng Quality Director of ZTE Corporation

Name in block letters & position in the company

Shenzhen, 30th December 2014

Place & date *Legally valid signature*

This equipment may be operated in:				AT	BE
CY	CZ	DK	EE	FI	FR
DE	GR	HU	IE	IT	LV
LT	LU	MT	NL	PL	PT
SK	SI	ES	SE	GB	IS
LI	NO	CH	BG	RO	TR