

Telstra FRONTIER

Mobile Phone User Manual

LEGAL INFORMATION

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This product supports expandable memory up to 32GB microSD(HC) card as an optional accessory. External memory card is not included in the box.

The microSD logo  is a trademark of the SD Card Association.

V1.4 April 2013

This product is user-upgradeable. Please check for updates at zte.com.au or call the service hotline for more technical support.

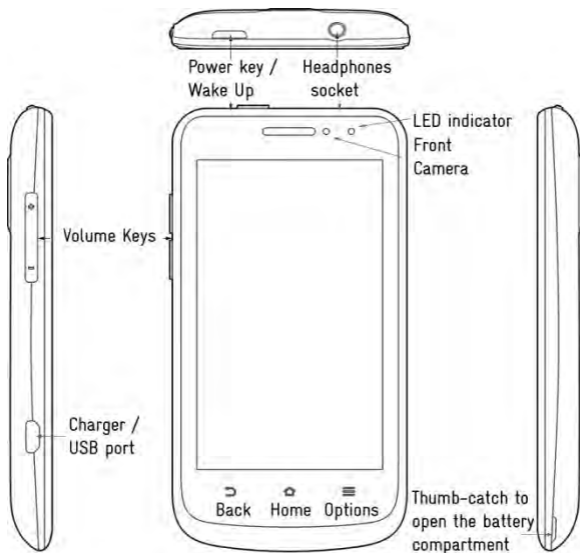
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Getting Started

Device Overview



Key Functions

Key	Function
Power Key	<ul style="list-style-type: none">• Press and hold to select Silent, Vibrate or Flight mode, or to power off.• Press to switch your phone to Sleep mode.• Press to wake up your phone.
Back Key 	<ul style="list-style-type: none">• Touch to go to the previous screen.
Home Key 	<ul style="list-style-type: none">• Touch to return to the Home Screen from any application or screen.• Touch and hold to see recently used applications.
Options Key 	Touch to get the options for the current screen.
Volume Keys	Press or hold to turn the volume up or down.

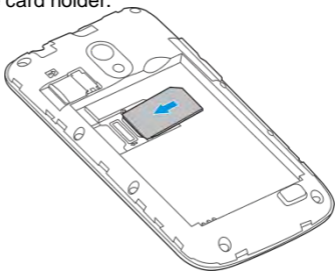
Installing the SIM Card, microSD Card*, and battery

Switch off your phone before installing or replacing the battery, SIM card or microSD card* (optional accessory)

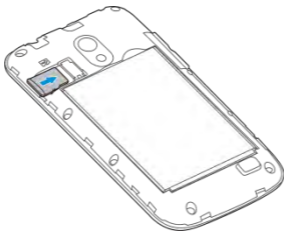
1. Remove the back cover



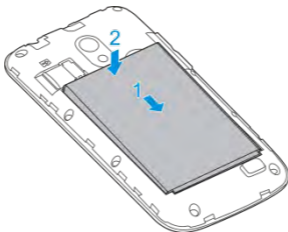
2. Hold the SIM card with the cut corner oriented as shown and slide it into the card holder.



3. Hold your microSD card (*optional) with the metal contacts facing down and slide it in.



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

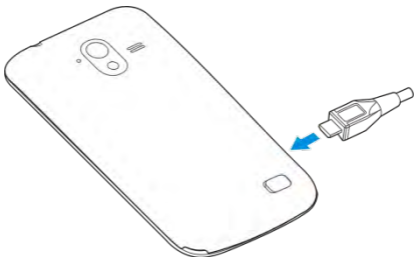


5. Press the cover gently back into place until you hear a click.
- * The microSD card is not included in the box

Charging the Battery

When you first get your new phone you'll need to charge the battery.



1. Insert the charger lead carefully. Ensure that the plug is inserted with the correct orientation. Do not force the connector into the charger jack.



2. Connect the charger to a standard AC wall outlet.
3. Disconnect the charger when the battery is fully charged.

How much charge have you got?

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.

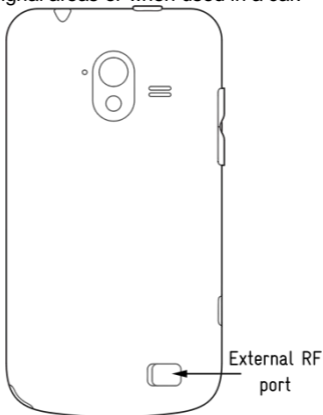
If the phone is on, you'll see the charging icon   on the status bar.

Battery and Charging Tips

- Only use the AC charger and USB lead supplied. Insert the charger lead carefully.
- Be careful to avoid tripping over or pulling on the lead whilst it is plugged in.
- Physical damage to the charging port is NOT covered by warranty.
- The phone can also be charged by connecting it to a computer using the USB lead supplied.
- Avoid high temperatures and direct sunlight. The battery will not charge above 45°C
- Do not leave the battery in a discharged state. Charge the battery promptly when flat.
- Keep your handset cool. High temperatures degrade the battery more quickly.
- Normal charge time is 3-4 hours. Do not leave on charge for more than 24hrs.
- After 2-3 charge/discharge cycles the battery life will improve. From then on use top up charging to recharge frequently and always charge promptly when flat.
- When not using the phone for long periods charge to approx 40% and remove the battery.
- With poor network conditions (less than 2 bars) battery life is reduced, turn off Bluetooth and Wi-Fi when not in use to extend battery life.

External Antenna Port

Your device provides an external RF antenna port for connecting to approved devices. Using the external RF port can enhance your coverage and provide better quality service and higher data rates in marginal signal areas or when used in a car.



- Only use approved connectors suitable for ZTE devices.
- Always insert and remove the RF connector carefully.
- Do not pull or trip on the RF lead whilst it is plugged in.
- Damage to the RF port will make your device unusable and is not covered by the manufacturer's warranty.

Powering On/Off

Make sure the SIM card and the battery are inserted.

- 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. Touch **Power off** and then touch **OK**.

Setting Up for the First Time

When you first power on your phone or after a factory reset (see *Settings > Personal > Backup and Reset*), you need to enter some settings before use.

1. The default language is English (Australia) touch to change if required or touch **Start**.
2. Select **Sign in** if you have a Google account or **Get an account** to create a Google account or **Not now** to skip.
3. Review the Google location settings if required. Touch **Next** to continue.
4. Enter your name which the phone uses to personalise some apps and touch **Next** to continue.
5. Review the Google services if required. Touch **Next** to continue.
6. Touch **Finish** to complete the setup.
7. Further assistance is given in the form of pop ups describing how to use various features. Press **OK** to clear these notices.

Locking/Unlocking your phone

Your phone allows you to quickly lock the screen and keys when not in use and to turn the screen back on when you need it.

To lock the screen and keys:


Press the **Power Key** to turn the screen off and lock the keys,

NOTE: To save battery power, the phone automatically turns off the screen after a certain period of time when you leave it idle.

Review this setting at [Settings > Display > Sleep](#).

You can still receive messages and calls while the phone screen is off.

To unlock the phone:

1. Press the **Power Key** to turn the screen on.
2. Press and hold the unlock button  to unlock the screen.
3. You can also slide the unlock button to unlock the handset and go directly to the functions shown:
4. Configure your shortcuts by going to Apps > Mi-EasyAccess



NOTE: If you have set an unlock pattern, PIN, face unlock, or password for your phone (see [Settings>Personal > Security](#)), you'll need to draw the pattern or enter the PIN/password to unlock your screen.

Using the Touch Screen

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

- Touch

When you want to type using the onscreen keyboard, select items, or press 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.

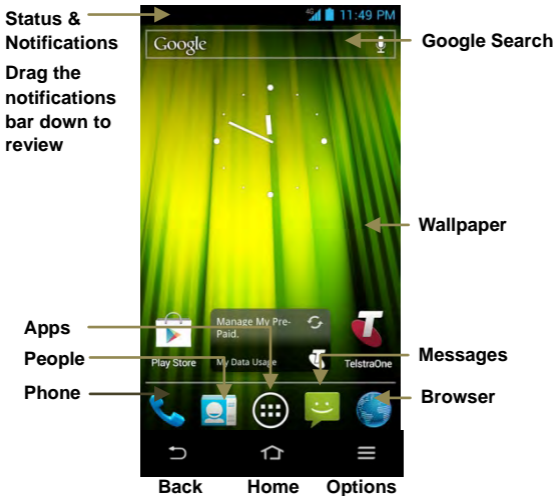
- Pinch

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 phone to change from portrait to landscape.

Getting to Know the Home Screen

The home screen is the starting point for applications, functions, and menus. You can customize your home screen by adding application icons, shortcuts, folders, widgets, and more. Swipe the screen left or right to display additional screens.



Changing the System Language

1. Touch **Home** > **Apps** > **Settings** > **Language & input** > **Language**.
2. Select your chosen language.

Setting the Date and Time

1. Touch **Home** > **Apps** > **Settings** > **Date & time**.
2. Clear the **Automatic date & time** and **Automatic time zone** check boxes if you want to set the date, time and time zone yourself.
3. Set the date, time, time zone, and date/time format.

Changing Ringtone and Notification Sounds

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

1. Touch **Home** > **Apps** > **Settings** > **Sound**.
2. Tap on **Phone ringtone** or **Default notification**.
3. Scroll through the ringtone list and select the ringtone you want to use.
4. Touch **OK**.

Set a unique Ringtone or Photo for a Contact

Firstly the Contact must be saved to the handset:

Go to **People** > tap the contact > ☰ Options > Copy to phone.

To set a unique Ringtone for a Contact

Select the phone copy of the Contact (indicated by the smiley face)> ☰ Options > **Set ringtone**.

To add a photo to your Contact






Select the phone copy of the Contact (indicated by the smiley face)> ☰ Options > **Edit** > tap on the smiley face to **Take photo** or **Choose photo from Gallery**

Adjusting Volumes

1. Touch **Home** > **Apps** > **Settings** > **Sound** > **Volumes**.
2. Adjust the volume for music, video, games, and other media, the ringtone and notification volume.
3. Touch **OK** to save.

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

Enable Silent or Vibrate mode in the following ways:

- Press and hold the **Power Key** and then touch  to enable silent mode, touch  to enable vibrate mode, or touch  to disable silent mode.
- With no media application running pressing the volume keys will control the Ring volume. When the  icon appears in the status bar, the phone is set to the vibrate mode. When the  icon appears in the status bar, the phone is in the silent mode.
- Touch **Home > Apps > Settings > Sound > Silent mode**, and touch **Off, Vibrate** or **Mute**.

Applying New Wallpapers

You can change the Home Screen wallpaper:

1. Touch **Home > Options > Wallpaper**.
2. Choose from Download Wallpapers, Gallery, Live Wallpapers, or Wallpapers and select the image or animation to use.
3. If using a Gallery image then use the on screen box to select the cropping area of the picture.
4. Touch DONE at the top of the screen (for Gallery images) or Set wallpaper for other images.

Changing Screen Brightness

1. Touch **Home > Apps > Settings > Display > Brightness**.
2. Tick the Automatic brightness box to make the phone adjust the screen brightness automatically, or clear the tick box to adjust the brightness manually.
3. Touch OK.

Protect Your Phone With Screen Locks

You can protect your phone by creating a screen lock. The phone supports face recognition, pattern, a numeric PIN or password to unlock the screen and keys.

1. Touch **Home > Apps > Settings > Security**.
2. Touch Screen lock.
3. Select from Long Press, Face Unlock, Pattern, PIN or Password.
 - If you touch **Pattern**, you're guided to create a pattern you must draw to unlock the screen. The first time you do this, a short tutorial about creating an unlock pattern appears. Then you're prompted to draw and redraw your own pattern.
 - If you touch PIN or Password, you're prompted to set a numeric PIN or a password you must enter to unlock your screen.
 - If you select Face Unlock you are guided through the face recognition application to lock and unlock your handset.

The next time you turn on your phone or wake up the screen use your unlock pattern, face, PIN or password to unlock it.

IMPORTANT: Screen lock options are listed in the approximate order of the strength of their security, starting with **None** and **Long Press**, which provide no security. Pattern provides minimal security, although it can be more convenient than the stronger options.

If you forget your unlock pattern, PIN or password you have to hard reset your device. From the locked screen, touch Emergency call, enter the code *983*987# and follow the instructions. All data on the handset (not the SD card) is erased.

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. After encryption is applied you need to enter a numeric PIN or password each time you power on your phone.

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 organisations. Consult your system administrator before turning it on. In many cases the PIN or password you set for encryption is controlled by the system administrator.

Before turning on encryption, prepare as follows:

1. Set a lock screen PIN or password.
2. Connect your phone to the charger.
3. 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 proceed:

4. Touch **Home** > **Apps** > **Settings** > **Security** > **Encrypt phone**.
5. Read the instructions encryption carefully.

The **Encrypt phone** button is not available if the battery is not sufficiently charged or your phone is not plugged in.

If you are unsure about proceeding then touch the **Back Key**.

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

6. Touch **Encrypt phone**.
7. Enter your lock screen PIN or password and touch **Next**.
8. Touch **Encrypt phone** again.

The encryption process starts and displays its progress.



















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

When encryption is complete, you are prompted to enter your PIN or password.

Subsequently, you must enter your PIN or password each time you power on your phone, to decrypt it.

Monitoring the Phone Status























The status bar at the top of the home screen provides phone and service status information on the right side. You can monitor the phone status by checking the following status icons.

G	GPRS network		Signal strength (no data)
E	EDGE network		Signal strength (data ready)
3G	3G network		Mobile data in use
4G	4G LTE network	G E	Green indicates data ready
H	HSDPA network	3G H 4G	Green indicates data ready
	Flight mode		Ringer off
	Emergency calls only		Muted (microphone off)
	Battery flat		Vibrate mode
	Battery low		Speaker on
	Battery partially drained		Connected to a Wi-Fi network
	Battery full		Wi-Fi data in use
	Battery charging		Wired headset connected
	Bluetooth on		

Managing Notifications


Notification Icons

The status bar at the top of the home screen provides notification alerts on the left. You can view the following notification icons.

	New SMS		microSD card not mounted
	New MMS		microSD card removed
	New Email		Upcoming event
	New Gmail message		Call on hold
	New Google Talk message		New Wi-Fi network detected
	Problem with SMS/MMS delivery		Downloading data
	Missed call		Sending data
	Call in progress		USB tethering is on
	USB connected		Portable Wi-Fi hotspot or Wi-Fi direct is on
	Song is playing		GPS is on
	Updates available		Bluetooth is on


View the Notifications Panel

Notifications report the arrival of new messages, calendar events, and alarms, as well as ongoing events, such as when you've configured your phone as a Wi-Fi hotspot. Swipe your finger down from the top of the screen to view notifications.

- To open the notification panel, swipe your finger down from the top of the screen.
- **TIP:** In the notification panel, touch  at the top of the screen as a shortcut to the system **Settings** menu.
- To close the notification panel, swipe your finger up from the bottom of 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.

- To respond to a notification, just touch it.
- To remove a notification, swipe it sideways.
- To remove all notifications, touch  in the top right corner.
- Most apps that send notifications, such as Gmail and Google Talk, have notification settings that you can adjust.

Managing Shortcuts and Widgets


Add Shortcuts and Widgets

1. Touch **Home** >  > Select the **Widgets** tab at the top of the screen.
2. Swipe right to view all available widgets
3. Touch and hold a widget or shortcut and drag it to your chosen Home Screen.

Move Shortcuts or Widgets

1. Touch and hold a widget or shortcut on the screen.
2. Drag it to your chosen location.

Remove Shortcuts or Widgets

1. Touch and hold a widget or shortcut on the Home Screen.
2. Drag it to  to remove it.

Adjust Widget Size

1. Touch and hold a widget on the Home Screen and then release it.
2. An outline appears on the widget. Drag the outline to resize the widget.

NOTE: Not all widgets can be resized.

Rearranging the Favourites Tray

The Home Screen includes a customisable favourites tray visible from all extended Home Screens. You can drag apps, shortcuts, folders, and other priority items in or out of the favourites tray for instant access from any Home Screen.



To remove items from the favourites tray:

Touch and hold an item in the favourites tray and drag it out of the tray.

To add items to the favourites tray:

Touch and hold an item and drag it onto the favourites tray.

If the favourites tray is full, you need to remove an item in the tray.

Entering Text






The onscreen keyboard will pop up whenever you need to enter text. Just tap in any text entry box to open the keyboard. Some apps open it automatically. Touch the **Back Key** to hide the onscreen keyboard if required.






Go to **Settings > Language & input > Default** to change the default keyboard if required.

Android Keyboard

The Android Keyboard provides a layout similar to a desktop computer keyboard. Turn the phone sideways and the keyboard will change from portrait to landscape. The landscape keyboard is not supported in all applications.



- Touch the alphabet keys to enter letters. Touch and hold specific keys to enter associated accented letters or numbers. For example, to enter È, touch and hold **E** then slide to choose È.
- Lower case is indicated by . Touch once to change to upper case . Double-tap  for caps-lock .
- Touch  to delete the text before the cursor.



- Touch  to select numbers and symbols. You can then touch  to find more. Also, often used symbols are displayed on top of the keyboard.
- Touch and hold  and then swipe to choose emoticons.
- Touch  to use Google's networked voice input.
- Touch and hold  to change the input languages or set up the Android keyboard.

TouchPal Keyboard

TouchPal keyboard offers three layouts: **Full QWERTY**, **12-Key PhonePad** and **CooTek T+**. You can swipe left or right on the TouchPal keyboard to switch the layout.















You can also use TouchPal CurveTM to speed up text input by replacing the key tapping motion of input with a tracing gesture where you move your finger from letter to letter without lifting the finger until you reach the end of the word.

To switch the keyboard layout:





1. Go to **Apps > Settings > Language & input** >  **(TouchPal Keyboard) > Keyboard layout**.
2. Tick the **Swipe layout** check box.
3. In the TouchPal keyboard screen, touch  and clear the **Curve** box, and then touch **Close**.
4. Swipe left or right on the TouchPal keyboard to select from **Full QWERTY**, **12-Key PhonePad** or **CooTek T+** layouts.

Full QWERTY Keyboard




- Touch the alphabet keys to enter letters.
- Touch  to use uppercase or lowercase. The key changes to indicate lowercase , uppercase , and caps lock .
- Slide right on  to enable word prediction. Slide left to disable word prediction.
- Touch  to change input language.
- Touch  to enter digits, symbols, emoticons and other pre-defined texts. Touch  to find more. Touch  /  to lock or unlock the inputting. Touch  to go back to enter letters.
- Touch  to start a new line.
- Touch or hold  to delete text before the cursor.
- Touch  to access the quick settings of TouchPal

keyboard.

- Touch  to set the TouchPal keyboard.
- Touch  to open text editing options. You can select, cut, copy, paste, and delete text, or move the cursor.
- Touch  to use voice input.
- Touch  to hide the onscreen keyboard. You can touch the text field again to show the keyboard.


12-Key PhonePad




- Touch a key repeatedly until the desired letter or symbol appears. If word prediction is enabled (), just touch the keys once and choose the right word.

CooTek T+

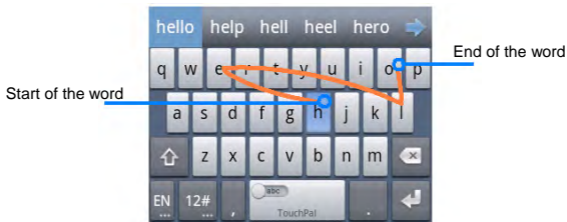


- Touch to enter the left letter on the key; Double-tap or flick right to enter the right letter/symbol on the key. If word prediction is enabled (), just touch the keys and choose the right word.

To enable and use TouchPal Curve:

1. In the TouchPal keyboard screen, touch  and tick the **Curve** check box, and then touch **Close**.
2. Move your finger from letter to letter on the keyboard to trace a word.
3. Lift your finger at the end of the word. A space is added automatically when you begin to trace the next word.

NOTE: TouchPal Curve is only available in the **Full QWERTY** layout.



Touch Input Settings

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

In the **KEYBOARD & INPUT METHODS** section, you can set the default input method and settings.

Editing Text




- **Move the insertion point:** Touch where you want to type.

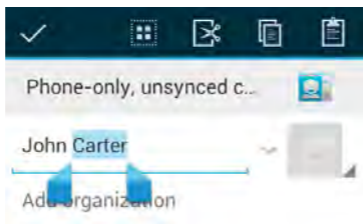
The cursor blinks in the new position, and a tab appears below it. Drag the tab to move the cursor.

- **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, copy, paste:** Select the text you want to manipulate. Then touch the Cut , Copy , or Paste  button:



Opening and Switching apps

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

Switch Between Recently Opened Apps

When you run an application, if you press the Home key and start another app, the original app is still open in the background.

1. Press and hold the Home Key to view the recently used apps.
2. Scroll up and down and touch the required app to return to it.
3. Tip: Go to **Apps** > **Task Manager** to close any unwanted apps, or remember to use the Back key to step back through the app to close it.

Connect to Networks and Devices

Your device is pre-configured to connect to your carrier's network. Do not change any network settings unless instructed to by your carrier.

1. Touch **Home > Apps > 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 **Select automatically** to select preferred network automatically.

Control Mobile Data Use

To enable or disable data access:

1. Touch **Home > Apps > Settings > More > Mobile networks**.
2. Tick the **Data enabled** check box to enable data access over the mobile network. Clear the check box to disable data access.

To enable data services when roaming:

1. Touch **Home > Apps > Settings > More > Mobile networks**.
2. Tick the **Data roaming** check box.

IMPORTANT: Data roaming may incur significant charges.

Use 2G Network Only to Save Power

1. Touch **Home > Apps > Settings > More > Mobile networks**.
2. Tick the **Use only 2G networks** check box to save battery power, data services will be limited.

Set Access Point Names

APN settings control Internet and MMS access and are pre-set for your carrier. If you want to add a new APN, please contact your service provider to get the required information.

1. Touch **Home > Apps > Settings > More > Mobile networks > Access Point Names**.
2. Touch **☰ > New APN**.
3. Configure as specified by your service provider.
4. Touch **☰ > Save** to complete.

TIPS: To restore your original APN settings touch **☰ > Reset to default**.

Connecting to a local Wi-Fi network

1. Touch **Home > Apps > Settings > Wi-Fi**.
2. Slide the **Wi-Fi** switch to the **ON** position to turn on Wi-Fi.

The detected Wi-Fi networks are displayed with their names and security status. Previously connected networks will connect automatically.

Touch a network name to connect to it.

NOTE: If the network is secured, you need to enter a password.

Get Notified of Open Networks

1. Touch **Home** > **Apps** > **Settings** > **Wi-Fi**.
2. Slide the **Wi-Fi** switch to the **ON** position.
3. Touch **Options** > **Advanced** > Tick the **Network notification** check box.

When Wi-Fi is on, you receive notifications in the Status bar when your phone detects an open Wi-Fi network. Clear the check box to turn off notifications.

Add a Wi-Fi Network

You can add a Wi-Fi network manually 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 **Home** > **Apps** > **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**.

Forget a Wi-Fi Network

To delete a Wi-Fi network that you no longer use or if you don't want to connect to it automatically:

1. Touch **Home > Apps > Settings > Wi-Fi**.
2. Slide the **Wi-Fi** switch to the **ON** position.
3. Touch the Wi-Fi network name and then touch **Forget**.

Using Wi-Fi Direct

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

NOTE: Activating this feature will disconnect your current Wi-Fi network connection.

Connect to a Wi-Fi Direct Device

1. Touch **Home > Apps > Settings > More**.
2. Tick the **Wi-Fi direct** check box to turn on Wi-Fi direct.
3. Your phone will search for other devices enabled with Wi-Fi direct connections. Touch **Wi-Fi direct settings** to see all available devices.
4. Touch a device name to begin the connection process.

NOTE: The target device must also have Wi-Fi Direct service activated and running before it can be detected by your phone.

5. Touch **Connect**.

The other device will receive a Wi-Fi Direct connection prompt and need to accept the request for connection.

6. Once connected the device is displayed as “Connected” in the Wi-Fi Direct devices list.
7. Wi-Fi Direct requires other compatible applications and devices to use the feature.

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. The Bluetooth devices must be paired before the communication is performed.

Turning Bluetooth On/Off

1. Touch **Home** > **Apps** > **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.

Making 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 **Home** > **Apps** > **Settings** > **Bluetooth**.
2. Slide the **Bluetooth** switch to the **ON** position.
3. Touch your device name on the top of the screen to make your phone visible or invisible.

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

Change the Device Name

When your phone is visible it will broadcast the name shown at the top of the Bluetooth screen.

1. Touch **Home > Apps > Settings > Bluetooth**.
2. Slide the **Bluetooth** switch to the **ON** position.
3. Touch **Options > Rename phone**.
4. Edit the name and touch **Rename**.

Pair With a Bluetooth Device

1. Touch **Home > Apps > Settings > Bluetooth**.
2. Slide the **Bluetooth** switch to the **ON** position.
3. Your phone searches and displays the available Bluetooth devices in range.
4. Touch the device you want to pair with.

Follow the instructions to complete the pairing. If you're prompted to enter a passcode, try entering 0000 or 1234 or consult the documentation that came with the other device.

Connect to a Bluetooth Device

Once you've paired with a Bluetooth device, you can connect to it manually; for example, to switch devices or to reconnect after it is back in range.


1. Touch **Home > Apps > Settings > Bluetooth** and make sure Bluetooth is turned on.
2. In the list of paired devices, touch a paired but unconnected device.

Disconnect a Bluetooth Device

1. Touch **Home > Apps > Settings > Bluetooth** and make sure Bluetooth is turned on.
2. In the list of paired devices, touch a device to Connect.
3. Touch **OK** to disconnect it.

Remove Pairing from a Bluetooth Device

Delete a pairing connection with a Bluetooth device. To connect to the device again, you may need to enter or confirm a passcode again.

1. Touch **Home > Apps > Settings > Bluetooth On**.
2. In the list of paired devices, touch the options icon  beside the Bluetooth device to unpair.
3. Touch **Unpair**.

Connecting to Your Computer via USB

Connect your phone to a computer using the supplied USB cable to transfer music, pictures, and other files in both directions. Your phone stores these files in internal storage or on a removable microSD card.

If you are using USB tethering, you must turn that off before you can use USB to transfer files between your phone and computer.

Connect Your Phone to a Computer via USB

1. Connect your phone to the PC using the USB cable.
2. Open the Notification panel or follow the on screen pop up to choose the desired connectivity mode:
 - **Charge only**, no PC connectivity will occur
 - **Connect to PC software**, connect to PC sync software
 - **Media device (MTP)**: Transfer media files on Windows, or using Android File Transfer on Mac.
 - **Camera (PTP)**: Transfer photos using camera software, and transfer any files on the computers that don't support MTP.
 - **Share mobile network**: Share your network connection to enable internet connectivity on your computer
 - **Install driver**: Opens a virtual CDROM to install the handset drivers for use with PC connectivity.
 - Unplug the USB cable when you're finished to disconnect the phone from the computer.

Share Your Mobile Data Connection via USB

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

1. Connect your phone to your computer with a USB cable.
2. Touch **Home > Apps > Settings > More > Tethering & portable hotspot**.

3. Tick the **USB tethering** check box. A new network connection will be created on your computer.
4. To stop sharing your data connection, uncheck **USB tethering** or disconnect the USB cable.

NOTE: You can't access USB or microSD storage while connected in tethering mode.

Share Your Mobile Data Connection via Bluetooth

If your computer supports Bluetooth tethering 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 **Home > Apps > Settings > More > Tethering & portable hotspot**.
4. Tick the **Bluetooth tethering** check box. Your computer is now sharing your phone's data connection.
5. To stop sharing your data connection, uncheck **Bluetooth tethering**.

Share Your Mobile Data Connection as a Wi-Fi Hotspot

Enable the Wi-Fi hotspot feature to share your network data with other devices via Wi-Fi.

NOTE: When the Wi-Fi hotspot feature is enabled, you cannot access the internet via Wi-Fi. You remain connected to the Internet via your mobile data network.

1. Touch **Home > Apps > Settings > More > Tethering & portable hotspot.**
2. Tick the **Portable Wi-Fi hotspot** check box.
3. Select **Configure Wi-Fi hotspot** to view the SSID, security settings and password for your hotspot.
4. Uncheck **Portable Wi-Fi hotspot** to stop sharing.

Remove the microSD Card From Your Phone

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

1. Touch **Home > Apps > Settings > Storage.**
2. Slide down the screen, select **Unmount SD card > OK**

Erase microSD Card

1. Touch **Home > Apps > Settings > Storage.**
2. Slide down the screen and touch **Erase SD card > Erase SD card > Erase everything.**

NOTE: The formatting procedure permanently erases all the data on the microSD card and is not recoverable.

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 in the office, 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.

Lock screen PIN or Passwords must be set before configuring the VPN function.

Add a VPN

1. Touch **Home** > **Apps** > **Settings** > **More** > **VPN**.
2. Touch **Add VPN network** and fill in the information provided by your network administrator.
3. Touch **Save** - The VPN is added to the list on the VPN screen.

Connect to a VPN

1. Touch **Home** > **Apps** > **Settings** > **More** > **VPN**.
2. Touch the VPN that you want to connect to.
3. When prompted, enter any requested credentials, and then touch **Connect** - the VPN connected icon appears in the Status bar.





Modify a VPN

1. Touch **Home** > **Apps** > **Settings** > **More** > **VPN**.
2. Touch and hold the VPN that you want to modify.
3. Touch **Edit network** > Touch **Save** when done.

Delete a VPN

1. Touch **Home** > **Apps** > **Settings** > **More** > **VPN**.
2. Touch and hold the VPN > Delete network

Making Calls

1. Touch **Home Key** > .
2. In the dialer tab , enter the phone number using the on-screen keypad. Touch  to delete wrong digits.
3. Press and hold the * key to add the Pause symbol indicated by ‘;’. Press and the # key to add the Wait symbol indicated by ‘;’.
4. Press and hold the 0 key to enter the plus (+) symbol for international dialling.
5. Touch the Phone icon  below the keypad to dial.

TIP: In other applications, wherever you see a phone number or handset icon, touch it to make a call.



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 and any additional information about the caller that you've entered in People. 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.

NOTE: To silence the ringer before answering the call, press the **Volume Keys** up or down.

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 send a preset text message to the caller.

TIP: To edit the default text response from within the Phone app, touch **Options > Settings > Quick responses**.




(or **Home > Apps > Settings > Call > Quick responses** from outside of the Dialer application).


Working With Call Logs

The Call log 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.




Touch **Home** >  then select the  tab.

Make a Call from Call Logs




1. Touch **Home** >  then select the  tab.
2. Touch the number for more details about the call, or touch  to call back.



NOTE: You can touch  on the bottom of the screen and select the call log type you want to view.

Add a Call Log Number as a Contact



1. Touch **Home** >  then select the  tab.
2. Touch the number for more details, touch  to add to your Contacts
3. Touch an existing contact to modify or Create New Contact to save to a new entry.

Other Actions in Call Logs



1. Touch **Home** >  then select the  tab.
2. Touch the number for more details:
 - Touch the number to call it.
 - Touch **Options** > **Edit number before call** to edit the number in the dialer before calling it.
 - Touch  to send a message.


- Touch  to view contact details.
- Touch  to add the number as a contact.

Delete Call Logs

1. Touch **Home** >  then select the  tab.
2. Touch **Options** > **Clear call log**
3. Touch **OK** to delete all call logs.
4. To remove an individual number, touch the call record then touch **Options** > **Remove from call log**.



Calling Your Contacts

1. Touch **Home** >  then touch the Contact tab .
2. Flick the screen up or down to view all your contacts with phone numbers.

TIPS: Search for a contact by touching  on the bottom of the screen or use the blue scroll bar to flick through A-Z.







3. Touch a contact or number to call it.

Call a Favourite Contact

1. Touch **Home Key** >  and then touch the Contact tab .
2. Your favourite contacts and frequently called contacts or numbers are listed on the top of the screen. Touch a contact or number to call it.

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 make a new call, the first call is put on hold.
- Touch  to switch to the dialer, eg to send keytones.
- Touch  to merge separate calls into a conference call.
- Touch **Options** > **Record** to record the call.
- Touch  to end the current call.

Managing Multi-party Calls

Call waiting and multi-party features are provisioned by your service provider, you can switch between two calls or set up a conference call.

When you're on a call, your phone screen informs you that another call is coming in 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.)

To switch between two calls:

Touch **Options** > **Swap**.

Set Up a Conference Call

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

1. On the dialer screen, enter a number and touch .
2. Once you have established the connection, touch  and dial the second number. (The first call is put on hold)
3. When you're connected to the second party, touch .

If the other party hangs up, you and the remaining caller stay connected. If you initiated the call and hang up, all callers are disconnected.

To end the conference call, touch .

Adjusting Your Call Settings

Use Fixed Dialling Numbers

Fixed Dialling Numbers (FDN) allows you to restrict outgoing calls to a limited set of phone numbers. This feature requires carrier support and the PIN2 code.

1. Touch **Home > Apps > Settings > Call > Fixed Dialling Numbers**.
2. The following options are available:
 - **Enable FDN:** Input the PIN2 code to enable.
 - **Change PIN2:** Change the PIN2 code for FDN access.
 - **FDN list:** Manage the FDN list.

NOTE: Contact your service provider for assistance with PIN2.

Edit Quick Response to Rejected Callers

1. Touch **Home > Apps > Settings > Call > Quick responses**.
2. Touch the text message to edit it.
3. The quick response SMS is sent by rejecting a call and selecting the message icon.

Set Voicemail

1. Touch **Home > Apps > Settings > Call**.
2. Touch **Voicemail settings** to check. The default Voicemail number is configured for your carrier.
3. Touch **Voicemail settings > Voicemail number** to edit the voicemail number if necessary.

Set DTMF Tones

Set the length of Dual-tone multi-frequency (DTMF) signal tones.

1. Touch **Home > Apps > Settings > Call > DTMF Tones**.
2. Touch **Normal** or **Long**.

Set Speed Dials

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

Key 1 is programmed for your voicemail and key 3 is programmed for international voicemail. These can be changed if required.

To assign a speed dial key:

1. Touch **Home > Apps > Settings > Call > Speed dial.**
2. Touch a speed dial key.
3. Enter a phone number or select one from the contact list.
4. Touch **OK.**

Call Barring

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

1. Touch **Home > Apps > Settings > Call > Call Barring Settings.**
2. Set the restriction of specific types of calls from your phone.

Call Forwarding

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

1. Touch **Home > Apps > Settings > Call > Call forwarding.**
2. Touch the available options (**Always forward, Forward when busy, Forward when unanswered, or Forward when unreachable**) to configure.

Caller ID and Call Waiting

1. Touch **Home > Apps > Settings > Call > Additional settings.**
2. **Caller ID** determines if your number is displayed to other parties.
3. **Call waiting** notifies you of incoming calls during a call.

Internet Call Settings

To add an Internet calling account:

1. Touch **Home > Apps > Settings > Call > Accounts**.
2. Touch **ADD ACCOUNT**.
3. Follow the instructions from your service provider.
4. Touch **SAVE**.

To configure which calls use Internet calling:

You can configure your phone to place all calls using Internet calling (when you're connected to a Wi-Fi network), just calls to Internet calling addresses, or to ask each time you place a call.

1. Touch **Home > Apps > Settings > Call**.
2. Touch **Use Internet calling**.
3. Touch the Internet calling option you want.




To configure your phone to receive Internet calls:



By default, your phone is configured to make Internet calls, but not to ensure that you will receive them. But you can configure your phone to listen for Internet calls made to an Internet calling account you added to your phone.

1. Touch **Home > Apps > Settings > Call > Accounts**.
2. Tick the **Receive incoming calls** check box. Checking this setting will reduce your battery life.

People




You can add contacts on your phone and synchronise them with the contacts in your Google account or other accounts that support contact syncing.

Touch **Home** >  to view your Contacts. Touch the tabs to quickly switch to contact groups  or favourites .

1. Touch **Home** >  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.



TIP: If you have a lot of contacts stored, you'll see a slider when you touch the right side of the screen. To go directly to a letter, touch and hold the slider and drag it to a letter.

Adding a New Contact

1. Touch **Home** >  and touch the all contacts tab .
2. Touch  to add a new contact.
3. Touch the account field on 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 **DONE** to save the contact.

Setting Up Your Own Profile

You can create your own name card in your phone.



1. Touch **Home** >  and touch the all contacts tab .
2. Scroll to the top of the screen and touch **Set up my profile**.
3. Edit your profile information and touch **DONE**.

Import, Export, and Share Contacts


You can import/export contacts from/to your SIM or microSD card. This is useful when transferring contacts between different devices.

Import your SIM card Contacts to add more features such as dedicated Ringtone, Photos etc.



Import Contacts From the SIM Card

1. Touch **Home** >  > **Options**
2. Touch **Import/export** > **Import from SIM card**.
3. (If you have an account, Select the required account)
4. Touch to select the contacts to import and then touch .


Import Contacts From the microSD Card

1. Touch **Home** >  > **Options**
2. Touch **Import/export** > **Import from SD card**.
3. Select an account to save the contacts.
4. Select the vCard file(s) in the microSD card and touch **OK**.




Export Contacts to the SIM Card

1. Touch **Home** >  > **Options**
2. Touch **Import/export** > **Export to SIM card**.
3. Touch to select the contacts and then touch .

Export Contacts to the microSD Card




1. Touch **Home** >  > **Options**
1. Touch **Import/export** > **Export to SD card**.
2. The phone will prompt you with the name of the vCard file.
Touch **OK** to create the file in the microSD card.

Share Contacts




1. Touch **Home** > , touch the all contacts tab .
2. Touch **Options** > **Select item(s)**.
3. Touch to select the contacts you want to share and then touch .
4. Choose to share the contacts via **Bluetooth**, **Email**, **Gmail** or **Messaging**.

Add a Contact to Favourites

You can add the contacts used frequently to Favourites, so you can find them quickly.



1. Touch **Home** >  and touch the all contacts tab .
2. Touch a contact and then touch  to add to favourites.

Remove a Contact From Favourites




1. Touch **Home** >  > touch the favourites tab .
2. Touch a favourite contact and then touch .

Working With Groups

View Your Contact Groups



1. Touch **Home** >  and touch the contact groups tab .
2. Scroll through the list to view the preset groups and the groups you create.
3. Touch a group to view its members.

Add a New Group



1. Touch **Home** >  and touch the groups tab .
2. Touch  to create a new group.
3. Touch the account field on the top of the screen to choose an account for the group.
4. Enter the group name and touch **DONE**.

Add Members to a Group



1. Touch **Home** >  and touch the groups tab .

2. Touch a group and then touch .
3. Touch to select the contacts to add as group members.
4. Touch .



Delete a Group

1. Touch **Home** >  and touch the groups tab .
2. Touch a group and then touch the **Options** > **Disband group**.
3. Touch **OK** to disband the group. The contacts in the group will not be deleted.


Edit a Group

1. Touch **Home** >  and touch the groups tab .
2. Touch a group and then touch the **Options**.
3. Touch **Rename group** to edit the group name. Or touch **Select item(s)** to select the members you don't need and remove them.


Searching for a Contact

1. Touch **Home** > .
2. Touch  on the bottom of the screen.
3. Input the contact name you want to search for. The contacts matched will be listed.


Edit Contact Details

1. Touch **Home** > .
2. Touch a contact to edit and then touch **Options** > **Edit**.
3. Edit the contact and touch **DONE** when finished


Set a Ringtone for a Contact

1. Touch **Home** > .
2. Touch a contact you want to set a ringtone for and then touch the **Options** > **Set ringtone** (Contact must be saved on the phone)
3. Select a ringtone you like and touch **OK**.

Delete a Contact

1. Touch **Home** > .
2. Touch a contact you want to delete and touch **Options** > **Delete**.
3. Touch **OK** to confirm.


To delete several contacts, you can:

1. Touch **Options** > **Select item(s)** in the all contacts screen.
2. Touch to select the contacts to remove and then touch .
3. Touch **OK** to confirm.

Join Contacts

Your phone can synchronise multiple accounts containing your contact information (such as Google, Microsoft Exchange ActiveSync, Facebook and Twitter). When you synchronise contacts each account adds a separate entry in the Contacts list.


You can merge all the separate information of one account into one record in the Contacts list.

1. Touch **Home** > .
2. Touch a contact to which you want to join one or more other contacts, to view the contact's details. This is the contact you will see in the Contacts list after the join.
3. Touch **Options** > **Edit** > **Options** > **Join**. The phone will list the suggested contacts to join.
4. Touch the contact whose information you want to join with the first contact.

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

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 **Home** > .
2. Touch a contact you want to separate, to view its details.
3. Touch **Options** > **Edit** > **Options** > **Separate**.

4. Touch **OK** to confirm.

The contact information is separated into individual contacts in the list of contacts.

Note

The Join and Separate feature is only available in the menu after synchronising multiple contact sources. If you are only using SIM or Phone Contacts this option is not available.

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 device.

Add an Account

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

When the account is successfully added, it is displayed in the **Accounts & sync** list.


Remove an Account

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

1. **Home > Apps > Settings > Accounts & sync.**
2. Touch the account.
3. Touch **Options > Remove account**

Configuring Account Sync

1. **Home > Apps > Settings > Accounts & sync.**

Your accounts and sync status are displayed.  turns green if automatic sync is enabled and gray if automatic sync is disabled.

2. Touch the **ON/OFF** switch to turn on or off automatic sync.
 - ▶ When automatic sync is turned on, changes you make to information on your device or on the web are automatically synced with each other.
 - ▶ When auto sync is turned off, you need to sync manually to collect emails, updates, or other recent information.

Sync Manually

1. **Home > Apps > Settings > Accounts & sync.**
2. Touch the account you want to sync.
3. Touch **Options > Sync now.**


Change an Account's Sync Settings

1. **Home > Apps > Settings > Accounts & sync.**
2. Touch the account you want to change. The Sync settings screen appears, showing a list of information the account can

sync.

3. Check or uncheck items as required. Checked items will be kept in sync when auto-sync is turned on.

Email

Touch  in the Home Screen and select **Email**. Use it to read and send emails from services other than Gmail.

Set Up the First Email Account

1. When you open **Email** for the first time, enter your email address and password and then touch **Next**.

NOTE: Your device will connect to the Internet and verify incoming and outgoing server settings before proceeding to the next step. If the email service provider is not recognised you need to enter the incoming and outgoing server settings. Please contact your email service provider for more information or go to Play Store and download your email provider's application.


2. Set the email checking frequency, download options, account name and other settings. Touch **Next** when you finish.

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

TIP: To add more email accounts, open **Email** to get the Inbox screen. Then touch the **Options** > **Account settings** and touch **ADD ACCOUNT** at the top right of the screen.

Checking Your Emails



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

You can also check new emails manually by touching  in any of the email account's boxes. Touch **Load more messages** at the bottom of the email list to download earlier messages.

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.

Rely to or Forward an Email

1. Open the email from the inbox to reply to or forward
2. Touch the left arrow  to select Reply, Reply All, or Forward
3. Edit your message and touch  to send.



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 **Options > Mark as unread**.
- While in a message list (for instance, the inbox), touch the checkboxes 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  > **OK**.
- While in a message list (for instance, the inbox), touch the checkboxes before the messages and then touch  > **OK**.

Writing and Sending an Email

1. Open your email Inbox.
2. Touch  to open the compose screen.
3. If you have more than one email accounts added on the device, touch the sender line to select the account you want to use for sending the message.
4. Enter a contact name or email address in the 'To' field. Separate each recipient with a comma. You can also touch  to select recipients from your contacts.
5. Enter the email subject and compose the email text.
6. Touch **Options** > **Attach file** to add audio files, images, videos and other types of files as attachment.
7. Touch  at the top right of the screen to send the message.

Adding Signature to Your Emails

You can set a plain text signature for every outgoing email message, such as your name and contact information.

1. Open the **Email** app.
2. Touch **Options > Account settings** and select the account you want to add signature to.
3. Touch **Signature** and enter the text.
4. Touch **OK**.

Adding and Editing Email Accounts

Add an Email Account

After setting up your first email account (see [Email > Set 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 **Options > Account settings** and touch **ADD ACCOUNT** at the top right of the screen.
3. Set up the account as you have done previously.

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, and details about the servers the account uses to send and receive mails.

1. Open **Email** to get the Inbox screen.
2. Touch **Options > Account settings** and touch the account whose settings you want to change.
3. Make the changes you want and touch the **Back Key** when you're finished.

Remove an Email Account

1. Open **Email** to get the Inbox screen.
2. Touch **Options > Account settings** and touch the account you want to remove.
3. Touch **Remove account > OK**.

Changing General Email Settings


General settings apply to all email accounts you add.

1. Open **Email** to get the Inbox screen.
2. Touch **Options > Account settings > General**.
3. Make the changes you want and touch the **Back Key** when you're finished.


Gmail™

After you sign in to your Google account on the device, you can send and retrieve Gmail messages with the **Gmail** app.

Opening Your Gmail Inbox

Touch  in the Home Screen and select **Gmail**. The Inbox screen appears.

If you haven't signed in, you will be prompted to do so or create a new account.



Touch  at the bottom right of the screen to refresh your Inbox and download new messages.

Switching Accounts

Gmail displays conversations, messages, and settings from one Google account at a time. If you have signed in to more than one Google account on your device, you can switch accounts and view information in each account.

1. From your Inbox, touch the current account at the top of the screen.
2. From the drop-down menu, touch the account you want to see. The account's Inbox will open.

Writing and Sending a Message

1. Open your Gmail Inbox and switch to the account you want to use for sending the message.
2. Touch .
3. Enter a contact name or email address in the 'To' field. Separate each recipient with a comma.
4. Enter the email subject and compose the email text.
5. To attach an image, touch **Options** > **Attach file** and select a file from the image gallery.
6. Touch  at the top right of the screen to send the message.




Adding Signature to Your Gmail Messaging

You can set a few lines of plain text as signature for every outgoing Gmail message. The signature you set on the device is independent of the signature you use for Gmail on the web.

1. Open the **Gmail** app.
2. Touch **Options** > **Settings** and select the account you want to add signature to.
3. Touch **Signature** and enter the text.
4. Touch **OK**. Tap back as required to return to previous menus.

Replying to or Forwarding a Message

1. Open the Gmail message you want to reply to or forward to another person.
2. Do the following as you need:

To...	do...
Reply to the sender,	touch  in the message header.
Reply to the sender and all recipients of the original message,	touch  in the message header > Reply all.
Forward the message,	touch  in the message header > Forward.

3. Enter your message and touch the send icon .

Working With Received Attachments

When a message has an attachment, Gmail displays information about that attachment at the top of the message.


Depending on the attachment type, the applications installed on your device as well as your settings, you may preview, view, play, save the attachment, or check information about the attachment.

TIP: For documents with multiple pages, touching the **Preview** option will only download the pages you view, whereas touching **View**, **Play**, or **Save** will download the entire file and taking more time and data.

Searching for Messages

You can search for messages using words that appear in addresses, subjects, labels, or contents.

NOTE: If you search while the phone doesn't have an active Internet connection, only messages synchronised onto your device can be searched.

1. Open the **Gmail** app and touch  or the **Search Key**.
2. Enter the words to search for and touch **Search** or the search icon on the screen keyboard.

As you type, suggestions may appear below the search field. You can touch a suggestion to search for it right away, or touch the arrow next to it to add its text to the search field.

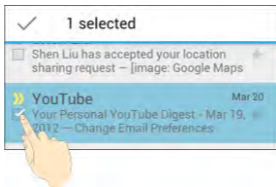
3. In the search results, touch the message you are looking for.


Working With Labels

Message labels include both labels you create and default labels such as **Sent**, **Starred**, and **Outbox**. You can organise your emails by labelling them or adding stars to them. Labels also help you sort your messages, just like folders.

To label or change labels:

1. Open the **Gmail** app and touch in the message list the checkboxes before the messages you want to label.




2. Touch the label icon  at the bottom of the screen.
3. Check or uncheck labels in the new screen and touch **OK**.

To add stars to messages:

1. Open the **Gmail** app and touch in the message list the checkboxes before the messages you want to star.
2. At the bottom of the screen, touch **Options** > **Add star**.

To view messages by label:

1. Open the **Gmail** app and touch the label icon  at the bottom of the message list without checking any message.
2. Touch the label to view messages with that label.

TIP: You can also touch the name of your account at the top of the screen. Then touch one of the labels listed in the **RECENT** section, below account names.

Changing Gmail Settings

Touch **Options** > **Settings** in any Gmail screen to change **General settings**, which apply to all Gmail accounts, or other settings that only apply to specific accounts.



Messaging

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



Open the Messaging Screen

Touch  in the Home Screen and select **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  to search for message with keywords.
- Touch an existing message thread to open the conversation

Sending a Text Message

1. On the **Messaging** screen, touch  at the bottom.
2. Touch the **To** field, and enter the recipient's number or, if the recipient is stored in **People** as a contact, the first letters of the recipient's name. As matching contacts appear, you can touch a suggested recipient.
3. Touch the **Type to compose** field, and enter the contents of your text message.
4. Touch  to Send.

Sending a Multimedia Message



1. On the **Messaging** screen, touch  at the bottom.
2. Enter the recipient and the text of the message, as you do when sending a text message.
3. Touch **Options** > **Add subject** to add a message subject.
4. Touch the paper clip icon  in the top right of the display to add an attachment to the message.

Pictures	Select a picture to add to your message.
Capture picture	Take a photo and add to your message.
Videos	Select a video clip to attach to your message.
Capture video	Shoot a video clip and add to your message.
Audio	Select an audio file to add to your message.
Record audio	Record an audio file and add to your message.
Slideshow	Edit a slideshow and add to your message.
Insert contact	Insert additional contacts


5. Touch  to Send.

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 the attach icon  if you want to reply with an MMS.
3. Touch  to Send.

Forwarding a Message

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

Viewing Details About a Message


1. Touch and hold a message in a thread.
2. Touch **View message details** to see information about the message, such as message type, sender, recipient, or date.

Deleting Messages or Threads

To delete messages in a thread:

1. On the **Messaging** screen, touch a thread to open the messages
2. Touch and hold on the message
3. Touch **Delete**.

To delete message threads:


1. On the **Messaging** screen, touch and hold the thread to delete.
2. Touch  at the bottom.
3. Touch **Delete**.

Changing Message Settings

Touch **Options** > **Settings** in the **Messaging** screen to change **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

Change Calendars

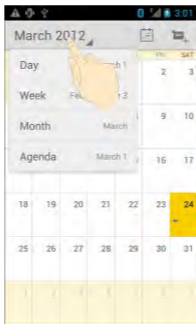
1. Open the **Calendar** app.
2. Touch **Options** > Calendars to display.
3. In the new screen, touch the calendars to check the calendars you want to see or uncheck the calendars you'd like to hide.

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


Change Calendar Views

You can view your calendar by Month, Week, Day, and Agenda. Touch the drop down arrow on the date or month shown at the top left to select the view you prefer.

You can also change to Day view from Month view by touching any day in the grid.



TIPS:

- In Month view, swipe vertically to see earlier months and later months.
- In Week or Day view, swipe horizontally to see earlier weeks/days and later weeks/days.
- When you are viewing earlier or later days, weeks, or months, touch  at the top 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. Then touch an event to view its details.

Creating an Event

1. In any Calendar view, touch **Options** > **New event** to open an event details screen for a new event.

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

2. Add details about the event.



Enter a name, location, duration, and other additional details about the event.

NOTE: If you have more than one calendar, you can choose the calendar to which to add the event by touching the current calendar above the **Event name** box.

3. Touch **DONE** at the top of the screen to save the new event.

Editing or Deleting an Event

1. Find the event you want to edit or delete.
2. Open its details screen (see [*Viewing Your Calendars and Events > View Event Details*](#) in this chapter).
3. Do one of the following as you need.

To...	do...
Edit the event,	touch  at the top of the screen. Touch DONE to save your changes.
Delete the event,	touch  at the top of the screen and then touch OK .

Changing Calendar Settings

To change Calendar settings, open a Calendar view (Day, Week, Month, or Agenda). Then touch **Options > Settings**.


You can change **General settings**, which apply to all accounts, or other settings that only apply to specific accounts.

Google Talk

Google Talk is Google's instant messaging service. You can use it to communicate in real time with other people who also use Google Talk, on a phone, on the web, or with a desktop application.


Signing into See Your Friends

You must sign in to your Google account before you can use Google Talk.

Touch  in the Home Screen and select **Talk**. The first time you launch **Talk**, touch the account you want to sign in with. Your friends list is then displayed.

NOTE: You remain signed in to Google Talk after launching the **Talk** app even if you switch to other apps, until you explicitly sign out. To sign out, go back to your friends list and touch **Options > Sign out**.

Adding a Friend

1. In the friends list, touch  at the top right of the screen.
2. Enter your friend's address and touch **DONE**.




Your friend's address in Google Talk is a Gmail or other email address that is configured to connect to Google Talk.

NOTE: If other people try to add you as a friend, you will receive a notification in the status bar and the invitation appears in your friends list. You can touch the invitation to **Accept**, **Decline**, or **Block**.

Changing Your Online Status

1. Touch your own entry at the top of your friends list.
2. In the screen that opens, touch your current status to change it (or to sign out of **Talk**).
3. Enter a status message or if you already have one, edit it.
In addition to the standard status settings, you can also touch **Change to a recently-used status** to select a message that you've entered previously.
4. Touch the **Back Key** to return to your friends list.

Chatting With Friends

1. Touch a friend in your friends list. The chat screen for that friend opens.
2. Enter your message and touch . You can also touch  or  to initiate a video or voice chat if the friend is online.

Switch Between Active Chats

If you have more than one chat going, you can switch between chats in one of the following ways.

- Touch the **Back Key** to return from one chat to the friends list. Then touch the other friend you want to chat with.
- While you are in one chat screen with a friend, swipe left or right to switch to the chat screen with the other friend.

Use Group Chat

Invite additional friends to join a group chat.

1. On a chat screen, touch **Options > Add to chat**.
2. Touch the name of the friend to invite.

The friend you invited and the current participants receive an invitation to a group chat. Each one who accepts the invitation joins the group chat. In a group chat, everyone can see everyone else's messages. Group chats appear at the top of your friends list, with a group chat icon.

End the Chat

While on a chat screen, touch **Options > End chat**.


You can also touch **Options > End all chats** while in the friends list to end all active chats.

Changing Google Talk Settings

Touch **Options > Settings** to change Google Talk settings for your account.


Google+

Google+ is a social networking service offered by Google. The Google+ application on your device enables you to manage your data, chat with online contacts, organise them in different circles, and share your selected information.

Touch  in the Home Screen and select **Google+**. The first time you open the Google+ app, select the instant upload and contact sync options.

Organising Your Contacts

Open the **Google+** app.

1. Touch **Circles**.
2. Touch People > Find & invite people.
3. Touch  next to a suggested person.
4. Touch an existing circle or select **Create a new circle**.

Getting Updates





1. Open the **Google+** app.
2. Touch **Stream**.
3. Swipe left or right to see different information shared with you by other users. Touch **Options** > **Choose circles** to choose what groups of information are shown.
 - ▶ **NEARBY** shows posts shared with you by users near your current location.
 - ▶ **ALL CIRCLES, ACQUATANCES, FAMILY,**

FOLLOWING and **FRIENDS** show updates from people you've added to your circles.

- ▶ **WHAT'S HOT** shows popular posts on Google+.

Chatting With Contacts

You can chat with your Google+ contacts through instant messaging, similar to sending a text with the **Messaging** app.

1. Touch **Messenger** in the **Google+** app or touch Home >  > **Messenger**.
2. Touch  to create a new message.
3. Touch  to add recipients, they can be contacts or circles.
4. Enter the message.
5. Touch  to send the message.

Checking Photos

You can see your own photo albums and those shared by other users.

Touch **Photos** in the **Google+** app to see all available albums.

Checking and Managing Your Profile

1. Touch **Profile** in the **Google+** app.
2. Swipe left or right to see your posts, personal info, and photos.
 - ▶ Touch the **ABOUT** tab and you can change your profile


photo.

- ▶ Touch the **PHOTOS** tab and open a photo. You can add comments to it, delete it, or set it as your profile photo.

Browser

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


Opening the Browser

Touch  in the Home Screen and select **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

When you open **Browser**, the last web page you were viewing is displayed. If you have not used **Browser** recently, your home page opens. You can switch to another web page by doing the following.

1. Touch the address box at the top of the web page. If the address box isn't visible, swipe down a little to show it.
2. Enter the address (URL) of a web page. Or enter terms you want to search for. As you enter text, your web search engine makes suggestions of web pages and list search results. You can also touch the microphone icon  to search by voice.
3. Touch a suggestion or touch **Go** on the keyboard.

If you touch a suggested page or enter an address and touch **Go**, that web page opens. If you touch a suggested query,

your web search engine opens with the results.

TIP: Touch the **X** to the left of the address box to stop the page.

Set the Homepage

Your home page opens when you open a new browser window. You can set your preferred home page as follows:

1. Open the page you want to set as your home page.
2. Touch **Options > Settings > General > Set homepage**.
3. Touch **Current page** or one of the following options.

Blank page	Open browser windows without opening a web page by default. This can make new Browser windows open more quickly.
Default page	Restore the pre-set default homepage.
Most visited sites	Every new browser window displays a list of your most visited sites for you to choose from.
Other	Type a URL as the homepage.


Get Information About the Current Page

Touch the page icon, to the left of the address box.

Working With an Opened Page

While viewing most web pages, you can do the following operation.

Scroll	Swipe the screen in any direction.
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Zoom out	Touch the screen with two fingers and pinch them together.
Zoom in	Touch the screen with two fingers and spread them apart.
Go back	Touch the Back Key to return to the page you've viewed previously in the same window.
Go forward	Touch Options > Forward .
Refresh the page	Touch Options > Refresh . Or touch the address box and then touch 
Find text on the page	Touch Options > Find on page and type the terms you search for.
Send the page URL to friends	Touch Options > Share page and select how you want to send the URL.
Follow a link	Touch a link on the web page to open it.
Save the page for offline reading	Touch Options > Save for offline reading . You can touch Options > Bookmarks > SAVED PAGES to read them.


TIPS:

- Some web sites may redirect you to the mobile version of their web pages, which generally do not support scrolling or zooming. If you want to view the desktop version, touch **Options** and check **Request desktop site**.
- As well as links, **Browser** also recognises some phone numbers, addresses, etc. touch them for more information.


Using Multiple Browser Windows

You can open several browser windows at once and switch between multiple web pages. Touch the top of the page to show the tabs icon.

To open a new browser window:

1. Touch the tabs icon  to the right of the address box.
2. Touch + at the top right of the screen. A new browser window opens and the homepage is loaded.


To switch between windows:

1. Touch the tabs icon  to the right of the address box.
2. Swipe to scroll through the list of opened tabs.
3. Touch the thumbnail of the window you want to open.

TIP: Swipe a thumbnail horizontally or touch its **X** to close the window.


To use incognito window for privacy browsing:

Pages you view in incognito windows won't appear in your browsing history or search history. No trace will be left on your device once you close the window.

1. Touch the tabs icon  to the right of the address box.
4. Touch **Options > New incognito tab**.

Downloading Files

Touch and hold an image, a link to a file or to another webpage. In the menu that opens, touch **Save image**, **View image**, **Save link**, **Set as wallpaper**, as appropriate.

The downloaded files are saved to your memory card when mounted. You can view or open them in the **Downloads** app ( > **Downloads**).

Using Bookmarks

Save web URLs as bookmarks to open them easily in the future. To open a bookmark, touch **Options** > **Bookmarks** in a browser window and then touch the bookmark.

Bookmark a Web Page

1. Open the web page.
2. Touch **Options** > **Save to bookmarks**.
3. Edit the bookmark label and address if necessary, or choose a different account.
4. Touch the name beside **Add to** to change the place where the bookmark will be stored.
5. Touch **OK**.

Edit a Bookmark

1. Touch **Options** > **Bookmarks**.
2. Touch and hold the bookmark to edit.
3. Touch **Edit bookmark**.
4. Edit the label, address, account, or location of the bookmark in the dialog that opens.
5. Touch **OK**.

Delete a Bookmark

1. Touch Options > Bookmarks.
2. Touch and hold the bookmark to delete.
3. Touch **Delete bookmark**.
4. Touch **OK**.

Changing Browser Settings

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

To open the Browser settings screen, Touch **Options > Settings**.

Google Location Services



Activating Location Services

To use **Navigation**, **Places**, **Latitude**, and find your location on Google Maps, you must have location services turned on.

1. Touch Home > Apps > Settings > Location services.
2. Select the location options you want to use.




Check **Google's location service** to use Wi-Fi and mobile networks to determine your approximate location; check **GPS satellites** to use GPS satellites to determine your location.

Getting Your Location

1. Touch  in the Home Screen and select **Maps**.
3. Touch  at the top right.



The map centres on a blue blinking dot that indicates your location.



Searching for a Location

1. Touch  in the Home Screen and select **Maps**.
2. Touch  at the bottom or touch the **Search Key**.
3. Enter the place you're looking for in the search box at the top. You can enter an address, a city, or a type of business or establishment, for example, "museums in Melbourne."
4. As you enter information, suggestions from your previous searches and from popular searches appear in a list below the search box. You can touch a suggestion to search for it.
TIP: Touch  beside the search box to use voice search.
5. Touch the search icon on the keyboard. Markers with letter labels indicating search results appear on the map.
6. Touch a marker to open a balloon that contains a label with summary information about the location.
7. Touch the balloon to open a screen with more information, as well as options for obtaining directions and more.

Getting Directions to Your Destination


Maps provide directions for travel by foot, public transport, or car.


1. Touch  in the Home Screen and select **Maps**.
2. Touch  at the bottom.
3. Enter a start and end point and select the mode of transportation (car, public transit, or walking). If you have enabled My Location, this will appear in the start point field by default.
4. Touch **GET DIRECTIONS**. The directions to your destination are marked on the map. Touch the left or right arrow to see the direction step by step. You can also touch **DIRECTIONS LIST** to see your route displayed in a list.

NOTE: Touch  >  from the Home Screen to use Google Maps Navigation (beta) and get turn-by-turn voice directions.

Searching for Local Places

Google Local helps you find businesses and establishments around you. You can rate these places and get recommendations

1. Touch  in the Home Screen and select **Local**. Or from the **Maps** app, touch the top left of the screen and select **Local**.
2. Wait while you are being located. Your location, when found, is shown at the top.
3. Select a place category and the information of that type of place near you will be displayed.

You can also use the  button at the top to find the place you need.

NOTE: Touch **Options** > **Add a search** to add new place categories.

4. Tap a result you are interested in and check out the details and reviews about that place. You can also see the place on **Maps**, find out how to get there, give that place a call, add your rating and review, and more.


Google Search

You can search for information on the web or on your device using Google Search. You can also search the web or perform certain tasks by speaking.


Sharing Location


Google Latitude lets you and your friends view each others' locations on maps and share status messages with each other.

While using **Maps**, touch the top left of the screen and select **Join Latitude**.



After joining you can touch the top left of the screen in **Maps** and select **Latitude** or touch  > **Latitude** from the Home Screen to see your status as well as that of your selected friends.

In **Latitude**, you can do the following operations.

- Touch  to refresh friends status.
- Touch **MAP VIEW** to see friends on **Maps**. You can touch the left/right arrow to switch between each friends and yourself.

- Touch  to add new friends to Latitude from contacts, via email addresses, or from suggested friends.
- Touch **Options** to show or hide stale friends, who haven't updated their location with you for a while.
- Touch **Options** > **Location Settings** to change Latitude settings or sign out of Latitude service.

Searching With Text

1. Start the **Search** app in one of the following ways.
 - Touch  in the Home Screen and select **Search**.
 - Touch the Google Search box at the top of the Home Screen.
 - Touch the **Search Key** in certain apps to search for related information.
2. Enter the terms you want to search for and touch , or touch a search suggestion.


Searching by Speaking

1. Touch the microphone icon to the right of the search box.
2. Speak the terms you want to search for. Your speech is analysed and the search is initiated.

If Google Search didn't quite understand what you said, you are presented with a list of similar-sounding terms. Touch the correct term to start the search.

Changing Search and Voice Search Settings


Open the **Search** app and Touch **Options** > **Settings** to set Searchable items.

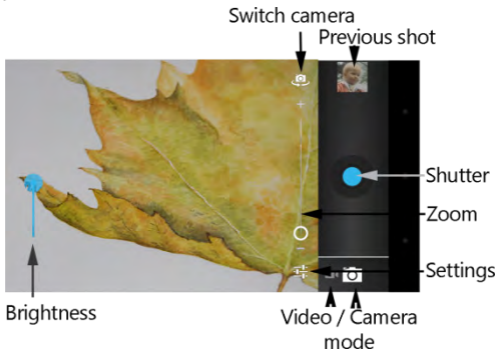
To set Voice Search settings go to **Home** >  > **System settings** > **Language & input** > **Voice Search**.

Camera

You can take photos and record videos. Photos and videos are stored to the phone's memory card or the phone's internal storage. You can copy them to your computer or access them in the **Gallery** app.

Capturing a Photo






1. Touch  from the Home Screen and select **Camera**.
2. Aim the camera at the scene and make any necessary adjustment.






3. Touch the blue button , or press the Volume Up or Volume Down Key to take the picture.

Camera Settings

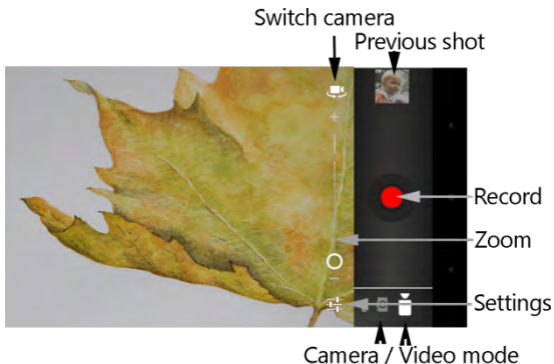
Touch  to open the following camera settings:

Location 	Save Location information using GPS.
Flash 	Enable different flash modes
White balance 	Select white balance options or use AW for automatic white balance.
Exposure 	Adjust the exposure. Select 0 for automatic exposure.
Settings 	Set the picture size, focus mode, touch AF (automatic focus) / AEC (automatic exposure control), or restore default camera settings.

Recording a Video






1. Touch  in the Home Screen and select **Camera**
2. Switch to **Video mode** by touching the camera / video icon
Touch the red button  or press either **Volume Keys** to start recording
3. Touch  or press either **Volume Key** to stop recording.

TIP: While the recording is in progress, you can touch the screen to save the frame as a separate photo.




Video Camera Settings

Touch  to open the following video camera options:

Location 	Save Location information using GPS.
White balance   , or 	Select white balance options or use AW for automatic white balance.
720P, D1, WVGA, VGA, CIF, QVGA, QCIF	Select your required video quality. Use lower settings for sending via MMS, uploading or sending by email.
Settings 	Restore default camera settings.

Gallery


Touch  in the Home Screen and select **Gallery** to view your pictures and videos.

Working With Albums


To view album contents:

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



To share albums:

1. Touch and hold an album until it is selected.
2. Touch more albums that you want to share.
3. Touch  at the top of the screen and select how you want to share the albums.

To view details of an album:

1. Touch and hold an album until it is selected.
2. Touch  > **Details**.

To delete albums:


1. Touch and hold an album until it is selected.
2. Touch more albums that you want to delete.
3. Touch  > **Delete**. If only one album is selected, touch  > **Delete** > **Delete**.

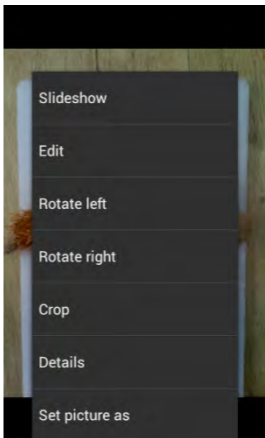
Working With Pictures

Touch a picture to view full screen. Double-tap to zoom in or use two fingers to 'pinch' zoom in and out. Slide left or right to view other pictures in the album.

Touch  to Share:








Touch  for Options:





Retouch Your Pictures

You can edit your photos using various post processing effects described below. The adjusted picture is saved in the **Edited** album, with the original image unchanged.



1. Touch  > **Edit** to view the editing options:

	Vary fill light, highlights or shadows, or auto-fix.
	Cross-process, Posterize, Lomo, Documentary, Vignette, film grain, fish eye.
	Colour palette effects: Warmth, saturation, B&W, sepia, negative, tint, duo-tone or doodle.
	Crop, red eye, straighten, rotate, flip, or sharpen.


2. Touch  or  at the top of the screen to undo or redo.
3. Touch **SAVE** to save the new picture to the **Edited** album.
4. Touch Back to exit with or without saving.

Working With Videos

Play and Share Videos

1. Touch an album in the gallery and then touch the thumbnail.
Touch  at the centre to start playing.
2. Touch  to share
3. Touch the screen to view the playback controls.

Music

Touch  in the Home Screen and select **Music** to play audio files stored on your device. **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.


Copying Music Files to Your Phone

Before using Music, you need to copy audio files from your computer to your phone's memory card. See [Connecting to Networks and Devices > Connecting to Your Computer via USB](#) for details on establishing the connection.

Use the computer to copy music and other audio files onto the memory card. You can use folders to organise your music files.

TIP: If an album has accompanying artwork in JPEG format, rename the artwork file *albumart.jpg* and include it with the album songs in the same folder. The device will recognise the image as the album artwork and display it in the Music app.

Viewing Your Music Library


Touch  in the Home Screen and select **Music** and your music library is displayed.

Touch the tabs at the top of the screen to view your music library organised by **Artists**, **Albums**, **Songs**, or **Playlists**.


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

Set a Song as the Default Ringtone

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

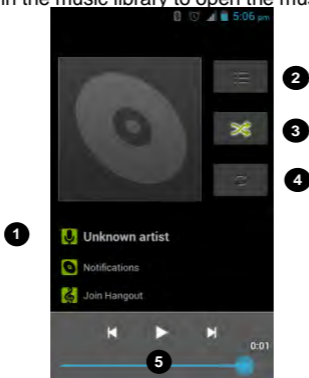
1. Touch  in the Home Screen and select **Music** to see the music library.
NOTE: If you are in the playback screen, touch **Options > Library** to return to the music library.
2. Long press on the song, then select **Use as phone ringtone**.
TIP: If the song is being played, you can touch **Options > Use as ringtone** in the playback screen.

Delete a Song

1. Touch  in the Home Screen and select **Music** to see the music library.
NOTE: If you are in the playback screen, touch **Options > Library** to return to the music library.
2. Long press on the song, then select **Delete > OK**.

Playing Music

Touch a song in the music library to open the music player:



Number	Function
1	Track and artist details
2	Now Playing
3	Shuffle On or Off.
4	Repeat options.
5	Playback control. Skip songs or pause and resume playback. Drag the slider to jump to any part of the song.

Managing Playlists

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

Create a Playlist


1. Long press on the song
2. In the menu that opens, touch **Add to playlist**.
3. Touch **New**.
4. Type the playlist name and touch **Save**.

The playlist is created and the song you selected is added to the playlist.

Add a Song to a Playlist

1. Long press on the song
2. In the menu that opens, touch **Add to playlist**.
3. Touch the name of the playlist you want the song added to.

The song is added to the playlist.

TIP: To rearrange the songs in a playlist open the playlist and touch and hold . Drag up or down to change the playlist order.

Remove a Song From a Playlist


1. Open a playlist.
2. Long press on the song > **Remove from playlist**.

Play, Delete or Rename a Playlist

1. Touch the **Playlists** tab in the music library to see all the playlists.
2. Long press on a playlist and touch **Play**, **Rename** or **Delete** in the menu that opens.


NOTE: These options may not be available for certain automatically created playlists, such as **Recently added**.

Google Music

The **Play Music**  application works with Google Music, Google's online music store and streaming service. You can stream via mobile data or Wi-Fi and listen to your favourite songs that you've added to your online Google Music library. You can also play audio files you've copied directly to your device from a computer.

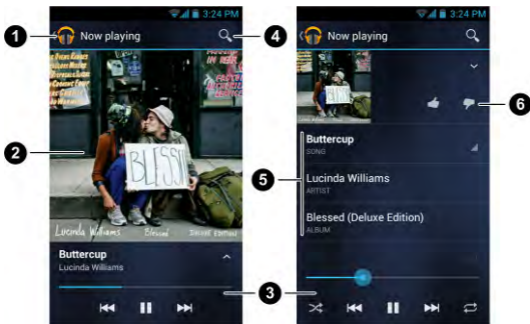
NOTE: The availability of Google Music is dependent on your region. If it is not available, or you don't have a mobile data or Wi-Fi connection, you can only play music stored on your device.

Play Music


Touch  in the Home Screen and select **Play Music**. If you are prompted, select an account to access its online music library.

The app searches your online library and your device for music and playlists before displaying your combined music library, organised by **Recent**, **Artists**, **Albums**, **Songs**, **Playlists**, and **Genres**. To change views of your library, swipe left or right when holding the device upright, or touch the view name at the top left of the screen when holding the device on its side.

Touch a song to play it.



Number	Function
1	Touch to see the current playlist.
2	Album artwork.
3	Playback control. Skip, pause and resume, shuffle or repeat. Drag the slider to jump to any part of the song.
4	Search for music.

Touch the album artwork, the song information or  below the artwork to show more options.

Number	Function
5	Song, artist and album names. Touch and hold to search for related information.
6	Rate the song.


You can still control the music when you are not in the playback screen.

- In the **Play Music** app, touch the Now Playing bar at the bottom of the screen to restore the playback screen.
- In other apps, flick down the notification panel. Touch the song title to restore the playback screen, or just pause/resume playback or skip to the next/previous song.
- When the screen is locked, the song information, album cover as well as playback control is displayed on top of the screen. You can pause/resume playback or skip songs.

Managing Playlists

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


To create a playlist or add a song to a playlist:

Touch and hold the song or touch  next to the song, and select **Add to playlist**.


To rearrange songs in a playlist:

1. Open a playlist in the **Playlists** tab of the music library.
2. Touch and hold the small grid in front of a song.
3. Drag the grid up or down to change its order in the playlist.

To remove songs from a playlist:

1. Open the playlist in the **Playlists** tab of the music library.
2. Touch and hold the song or touch  next to the song you want to remove.
3. Select **Remove from playlist**.


To Play, Rename or Delete a playlist:

1. Swipe to the **Playlists** tab in the music library to see all the playlists.
2. Touch and hold a playlist or touch  next to the playlist.
3. Touch **Play**, **Rename** or **Delete** in the menu that opens.

Video Player

Use the video player to play various kinds of videos.


Opening the Video Library

Touch  in the Home Screen and select **Videos** to view your video library.


- All your videos are listed. Click to view.

Playing and Control Videos

Touch a video in the video library to play it. Rotate the device on its side to watch the video in landscape view.

Touch the video to show the playback controls. You can pause and resume the playback, or jump to any part of the video. You can also exit the video by touching  at the top left of the screen.



Share Video Files

1. Touch  at the top of the screen to select to share them.

FM Radio

With the FM radio, you can search for radio channels, listen to them, and save them on your device. Note that the quality of the radio broadcast depends on the coverage of the radio station in your area. The wired headset that comes with your device 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. Touch  in the Home Screen and select **FM Radio**.
2. Touch the  > **Scan & save all channels**. All previously saved favourite channels will be removed.

The favourite channels are displayed at the bottom of the screen. Swipe left or right to see more.

NOTE: The first time you open **FM Radio**, you device scans for all available channels and saves them automatically.

Listening to FM Radio


1. Touch  in the Home Screen and select **FM Radio**.
2. Touch one of the favourite channels at the bottom.



You can also swipe the dial knob above the favourite channels left or right to switch to the adjacent channels.

TIP: Touch **Options** > **Speaker** to listen to the radio programs through the device speaker.

Adding a Radio Station to Favourites

1. Touch  in the Home Screen and select **FM Radio**.
2. Touch **Options** > **Tune**.
3. Touch the up and down arrows to adjust the frequency and touch **Set**.
4. Touch and hold the frequency digits and drag it down to the favourite channels area. Or touch the **Options** > **Add to favourites**.

The new channel is added to the favourite channels, which are sorted in numeral order.

Other Options and Settings

To remove a channel from favourites:

1. Touch the channel you want to remove from favourites.
2. Touch **Options** > **Remove from favourites**.

To turn off FM radio automatically:

Touch the **Options** > **Sleep Timer** and select the time you want to turn off the radio.

A count-down clock appears above the frequency and the radio is turned off when the clock counts down to 0:00.

To turn off FM radio immediately:

Touch  at the top left of the screen.

To set your radio region:

FM radio frequency ranges differ in different regions.




Touch **Options** > **World region** to select the region you are in.

NOTE: If you change the region setting, the favourite channels are cleared.

Sound Recorder

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

Recording a Voice Memo


1. Touch  in the Home Screen and select **Sound Recorder**.
2. Touch  to start recording
3. Touch  to stop recording
4. Choose OK to save or Discard to delete the recording.

Playing a Voice Memo

To play a memo you just recorded:

Touch Options at the bottom of the screen.

To play any saved memo:


1. Touch **Options**  > My Recordings to see all recordings.
2. Touch the file to play it.

More Apps

Alarm


Set alarms or turn the device into a bedside clock.

Setting a New Alarm

1. Touch  in the Home Screen and select **Alarm**.
2. Touch a default alarm to configure it, or touch **+** at the bottom of the screen to create a new alarm.
3. Touch **Turn on alarm** and set up the alarm options, such as time, repeat, and ringtone.
4. Press the **Back Key** to save and exit.

Using the Bed Clock

Bed clock displays the current time and the next alarm.



1. Touch  in the Home Screen and select **Alarm**.
2. Touch **Options** > **Bed Clock Preferences** in the **Alarm** screen to set up bed clock options.

Enable bed clock	Turn on or off the bed clock function.
Bed clock never sleeps	Keep the bed clock screen turned on when charging the device.

3. Touch **Options** > **Bed Clock** to open the bed clock.
4. Touch **Options** > **Hide Clock** to return to the Alarm screen.


Calculator

Touch  in the Home Screen and select **Calculator**.

TIPS: Touch  or , or swipe left or right to switch between different panels. You can also hold the device on its side to see all calculator buttons.


File Manager

Quickly access all of your images, videos, audio clips, and other types of files on your device and the memory card.

Touch  in the Home Screen and select **File Manager**. Touch the folder name at the top of the screen to switch between the memory card storage and the phone storage.


News and Weather


News & Weather offers weather forecasts and news stories about common topics. You can also customise the news topics that are displayed.

Touch  in the Home Screen and select **News & Weather**. Swipe left or right to view weather forecast and news headlines under different news topics.

Touch **Options** to refresh news and forecast data, or to change the settings.


Note pad


Touch  in the Home Screen and select **Note pad** to save and view your text notes.

Touch **ADD NOTE** to create a new note. Then enter your text and touch  to save it.


Touch a note to view its entire content. You can also delete, share it, or change its title.

Play Books

Touch  in the Home Screen and select **Play Books** to read ebooks purchased from Play Store.


Touch a book cover displayed in Play Books to start reading it. You can also touch the shopping bag icon to buy more books from Play Store, or touch  to search by book title or author name. Select Options > Make available off line if required.

Play Movies


Touch  in the Home Screen and select **Play Movies** to watch movies you rent from Play Store as well as your personal videos stored on the device.

- **MY RENTALS** tab displays your recent movie rentals. You can stream them for online watching or download them to watch offline.
- The **PERSONAL VIDEOS** tab displays videos you create using the camera on your device. Touch one video to play it.

Software Update Service


Touch  in the Home Screen and select **Software update service**. You can check your system's software status, check for updates, or change update settings.

Task Manager

Touch  in the Home Screen and select **Task Manager** to view or stop applications.


- Touch a task in the **TASKS** tab to switch to its screen, abort it, or see its detail.
- Touch the **APPLICATIONS** tab to manage all the apps on your device.
- Touch the **RESOURCES** tab to view the real-time system resources information.

Timer


Touch  in the Home Screen and select **Timer** to use stopwatch or time countdown.

Stopwatch allows you to record lap times, while countdown allows you to set a time and count down to 0.


World Time

Touch  in the Home Screen and select **World time** to check local time for cities around the world. Touch **+** to add a new area.


X-Office

Touch  in the Home Screen and select **X-Office** to open Word, Excel, Powerpoint, or PDF files.

YouTube


Touch  in the Home Screen and select **YouTube**. You can watch YouTube videos or upload your own.

Play Store

Touch  in the Home Screen and select **Play Store**. You can buy or rent music, books, movies, apps, and download them to your device.

Browsing and Searching for Apps

You can browse apps by category and sort them in different ways. 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 **Download** (free apps) or the price (paid apps) in the app details screen.
2. If the app is not free, you need to sign in to your Google Wallet account and select a payment method.
3. Touch **Accept & download** (free apps) or **Accept & buy** (paid apps) to accept the permissions for the app. Your app will start downloading immediately or once payment is successfully authorised.


View Your Downloaded Apps

1. On the Apps screen of Play Store, touch the **Options > My Apps**.
2. Touch the **INSTALLED** tab to list current installed Apps.
3. Touch the **ALL** tab to view your history of all previously downloaded apps linked to your Google account.

Uninstall an App

1. On the Apps screen of Play Store, touch the **Options > My Apps**.
2. Select the **INSTALLED** tab, touch an app to open its details.
3. Touch **Uninstall > OK**.

Settings

Touch  in the Home Screen and select **Settings**. The **Settings** app contains most of the tools for customising and configuring your device.

Wireless and Networks

Wi-Fi

Turn on or off Wi-Fi and configure your Wi-Fi connections. See [Connecting to Networks and Devices > Connecting to Wi-Fi](#).

Bluetooth

Turn on or off Bluetooth and configure your Bluetooth connections. See [Connecting to Networks and Devices > Connecting to Bluetooth Devices](#).

Data Usage > Set data limits

Touch the **ON/OFF** switch to turn on or off mobile data.

Select **Set mobile data limit** then drag the warning and limit lines as you prefer. After you reach your limit, data will be disabled.

Call

Customise the settings for phone calls. See [Phone Calls – Adjusting Your Call Settings](#).

Flight Mode

In the **Settings** app, touch **More** under Wireless & networks and check the box next to **Flight mode**. All radio services are turned off.

Tethering and Portable Hotspot

Share your device's mobile data connection with PCs or other devices via USB or Wi-Fi. See [Connecting to Networks and Devices – Sharing Your Mobile Data Connection](#).

Wi-Fi Direct and Settings

Use Wi-Fi direct to share data between two devices via Wi-Fi directly. See [Connecting to Networks and Devices – Using Wi-Fi Direct](#).

Mobile Networks

Control mobile data use, select mobile network and set access point names. See [Connecting to Networks and Devices – Connecting to Mobile Networks](#).

Device - Sound

Adjust volumes (see [Personalising – Adjusting Volumes](#)), set up ringtone and notification sound (see [Personalising – Changing Ringtone and Notification Sound](#)), and select system sounds.

Touch **Silent mode** to turn off all sounds except media and alarm, or enable silent mode with vibration.

Display

- **Brightness:** Set the brightness of the display.
- **Wallpaper:** Select a background image for the Home Screen.
- **Sleep:** Set the length of time of inactivity before the screen turns off.
- **Font size:** Set the font size of the text on the screen.
- **Pulse notification light:** Flash the LED light to notify you of missed calls, new messages, and other events.

Storage

Check memory information for your memory card and internal storage.

- **Unmount SD card:** Unmount the memory card from your phone so that you can safely remove the card while the phone is on.
- **Erase SD card:** Erase all data on your memory card and prepare it for use with your device.

Battery

Check how much power remains for the battery and what has been using the battery.

Apps

See apps installed on your device and manage them.

Touch an app in the **DOWNLOADED**, **ON SD CARD**, **RUNNING**, or **ALL** tab to see its information. You can stop the app, uninstall

the app, clear data and cache, or move the app between the internal storage and the memory card.

NOTE: Not all applications can be moved or uninstalled.

Personal - Accounts and Sync

Manage your accounts and synchronisation settings.

- Touch the **ON/OFF** switch to turn on or off auto-sync.
- Touch **ADD ACCOUNT** to sign in or create accounts on your device.
- Touch an account to set the sync settings for that account. You can then touch **Options > Sync now** to sync all checked items.
- Touch an account and then touch **Options > Remove account** to remove the account and all information related to it from your device.

Location Services

Activate location services to determine your location. See [Maps, Navigation, Places and Latitude – Activating Location Services](#).

Select **Location & Google search** to improve Google search results and other services using your location information.

Security

- **Screen lock:** Lock the screen with long press, pattern, PIN, face unlock or password. See [Personalising – Protecting Your Phone With Screen Locks](#).
- **Owner info:** Set the text to display on the lock screen.
- **Encrypt phone:** Encrypt your data on the phone to protect your privacy. See [Personalising – 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 SIM card.
 - ▶ **Change SIM PIN:** Change the PIN used to access the SIM card.
- **Make passwords visible:** Display passwords as you type.
- **Device administrators:** View or deactivate apps you have authorised to be device administrators.
- **Unknown sources:** Permit installation of apps from sources other than the Play Store.
- **Trusted credentials:** Display trusted CA certificates.
- **Install from SD card:** Install certificates from the memory card.
- **Clear credentials:** Delete all certificates.

Language and Input

- **Language:** Select a language and region for your system.
- **Personal dictionary:** Add new words to the device'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 *Knowing the Basics – Entering Text – Touch Input Settings.*
- **Voice Search:**
 - ▶ **Language:** Select the language you use when entering text by speaking or searching by speaking.
 - ▶ **SafeSearch:** You can use Google SafeSearch filtering to block some results when you use Google search by voice.
 - ▶ **Block offensive words:** Replace offensive words with asterisk (*) when you use Google voice recognition to transcribe your voice into text.
- **Text-to-speech output:**
 - ▶ **PREFERRED ENGINE:** Select the speech synthesis engine you want to use or change its settings.
 - ▶ **Speech rate:** Select how quick you want the synthesiser to speak.
 - ▶ **Listen to an example:** Play a brief sample of the speech synthesiser, using your current settings.
- **Pointer speed:** Select how fast the screen should scroll

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.
- **Automatic restore:** Restore previously backed up settings and data when you reinstall an app.
- **Factory data reset:** Reset your device to factory status. All your personal data from the phone's internal storage will be erased. You can also erase the data on the memory card during the process.

System - Date and Time

Set date, time, time zone, and how date and time are displayed. You can also use network-provided data.

Accessibility

Configure accessibility plug-ins on your device, such as using **Large text** for the visually-impaired.

Developer Options

Developer options contains settings that are useful for developing Android applications.

About Phone

View phone status and legal information. You can also check for system updates.

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, contact the dealer where you purchased the phone or search our FAQ's at zte.com.au

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.	Move to a location where the network signal is stronger.
	The network is busy.	Try again in a few minutes.
	You are too far away from a base station for your service provider.	You can request a service area map from your service provider.
Echo or noise	Poor network trunk quality on the part of your service provider.	Press End Key and dial again. You may be switched to a better-quality phone line.


Problem	Possible causes	Possible solution
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 charged	The battery or battery charger is damaged.	Try charging from a computer USB port. 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 battery and charger.	Check all connectors to make sure all connections have been properly made.
Short battery life, reduced standby time	The standby time is related to your network signal strength and radio applications you have running	If you are located in an area of low network signal, switch off Wi-Fi, Bluetooth or select Flight mode to conserve power.
	The battery is depleted.	Use a new battery.


Problem	Possible causes	Possible solution
	In high-temperature environments, battery life will be shortened.	Avoid high temperatures.
	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 will shorten standby time.	Change your location to one where the network is accessible, or select Flight mode.
Cannot switch your phone on	Battery power has been depleted.	Recharge the phone's battery.
(U)SIM card error	(U)SIM card malfunction or damage.	Take the (U)SIM card to your service provider for testing.
	(U)SIM card inserted improperly.	Insert the (U)SIM card properly.
	Debris on the (U)SIM card contacts.	Use a soft, dry cloth to clean the (U)SIM card contacts.

Problem	Possible causes	Possible solution
Unable to connect to the network	(U)SIM card invalid.	Contact your service provider.
	You are not within the network's service area.	Check the service area with your service provider.
	Poor signal.	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.	Go to Settings > Call > Call barring settings > deactivate all
You cannot make outgoing calls.	You have activated the Call barring feature.	Go to Settings > Call > Call barring settings > deactivate all
PIN Code blocked	You have entered an incorrect PIN code three consecutive times.	Contact your service provider to obtain your PIN Unlocking Key (PUK code)

Problem	Possible causes	Possible solution
Unable to enter information into the phone book	The phone book's memory is already full.	Delete unnecessary data from the contacts.

For Your Safety - General Safety

	Do not make or receive handheld calls while driving. Do not text while driving.		Do not use your phone at petrol stations.
	Keep your phone at least 15 mm away from your ear or body while making calls.		Your phone may produce bright or flashing lights.
	Small parts may cause a choking hazard.		Don't dispose of your phone in fire.
	Your phone can produce a loud sound.		Avoid strong magnetic fields.

	Keep away from pacemakers and other electronic medical devices.		Avoid extreme temperatures.
	Switch off when asked to in hospitals and medical facilities.		Avoid contact with liquids. Keep your phone dry.
	Switch off when told to in aircrafts and airports.		Don't take your phone apart.
	Switch off when near explosive materials or liquids.		Only use approved accessories.
	Don't rely on your phone for emergency communications.		

Radio Frequency (RF) Exposure

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 organisation 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 ear was 0.711 W/Kg* and in the body position is 0.98W/Kg.

As SAR is measured utilising 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

Limiting Exposure to Radio Frequency (RF) Fields

For individuals concerned about limiting their exposure to RF fields, the World Health Organisation (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).

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.

Product Handling

General Statement on Handling and Use

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

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

- Always treat your phone and its accessories with care and keep it in a clean and dust-free place.
- Do not expose your phone or its accessories to open flames or lit tobacco products.
- Do not expose your phone or its accessories to liquid, moisture or high humidity.

- Do not drop, throw or try to bend your phone or its accessories.
- Do not use harsh chemicals, cleaning solvents, or aerosols to clean the device or its accessories.
- Do not paint your phone or its accessories.
- Do not attempt to disassemble your phone or its accessories, only authorised personnel can do so.
- Do not expose your phone or its accessories to extreme temperatures, minimum -5 and maximum + 45 degrees Celsius.
- 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.

Demagnetisation

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

Electrostatic Discharge (ESD)

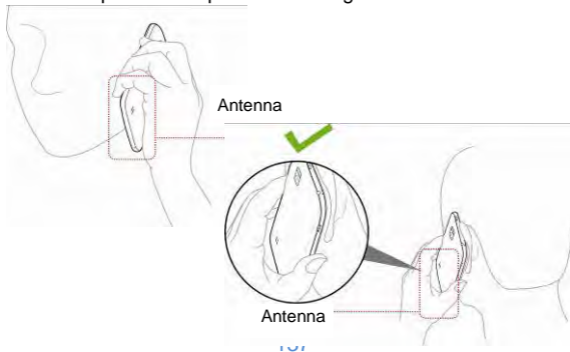
Do not touch the SIM card's metal connectors.

If you forget your PIN, Pattern or Password

If you forget your unlock pattern, PIN or password you have to hard reset your device. From the locked idle screen, touch Emergency call, then enter the code *983*987 and follow the instructions. All data is erased.

Normal Use Position

Use these positions to prevent blocking the antenna:



Air Bags

Do not place a 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 result.

Store the phone safely before driving your vehicle.

Seizures/Blackouts

The 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 video. If you have experienced seizures or blackouts or have a family history of such occurrences, please consult a physician.

Repetitive Strain Injuries

To minimise 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 and screen lightly.
- Use the special features which are designed to minimise the times of pressing buttons, such as Message Templates and Predictive Text.
- Take lots of breaks to stretch and relax.

Emergency Calls

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

Loud Noise

This phone is capable of producing loud noises, which may damage your hearing. Turn down the volume before using headphones, Bluetooth stereo headsets or other audio devices.

Phone Heating

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

Electrical Safety

Accessories

Use only approved accessories.

Do not connect with incompatible products or accessories.

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

Connection to a Car

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

Faulty and Damaged Products

Do not attempt to disassemble the phone or its accessory.

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

If your phone or its accessory has been submerged in water, punctured, or subjected to a severe fall, do not use it until you have taken it to be checked at an authorised service centre.

Radio Frequency Interference

General Statement on Interference

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

Pacemakers

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

Hearing Aids

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

The level of interference will depend on the type of hearing device and the distance from the interference source, increasing

the separation between them may reduce the interference. You may also consult your hearing aid manufacturer to discuss alternatives.

Medical Devices

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

Hospitals

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

Aircraft

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

Consult the airline staff about the use of wireless devices on board the aircraft. If your device offers a 'flight mode', this must be enabled prior to boarding an aircraft. Note that programmed alarms and calendar reminders can wake the power the phone up even when switched off.

Interference in Cars

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

Explosive Environments

Petrol Stations and Explosive Atmospheres

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

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

Blasting Caps and Areas

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

Technical Specifications

Network	LTE 1800, 2600 MHz. up to 100Mbps data. 3G UMTS 850, 2100 MHz. 42 Mbps data. 2G GSM 850, 900, 1800, 1900 MHz
Dimensions	Approx 124 x 65.5 x 11mm. 149g
Features	1.5GHz dual core processor with Android 4.0 OS. 5MP camera, FM Radio. 4.0" capacitive touch display, 800 x 480 pixels. MMS, Email. Speakerphone, Voice Recorder, Bluetooth 3.0, 3.5mm audio jack. Approx 2.5GB internal user memory, expandable to 32GB microSDHC. Accelerometer, Magnetometer, A-GPS.
Battery	1785mA hours, Lithium ion (Li-ion)
Standby time*	Up to 280 hours
Talk time*	Up to 6 hrs talk time
Charge time	Approximately 3-4 hours
Battery Life	Approximately 400 charge cycles

Declaration of RoHS Compliance

To minimise the environmental impacts and take more responsibilities to the earth we live on, this document shall serve as a formal declaration that the T81 manufactured by ZTE CORPORATION is in compliance with the Directive 2002/95/EC 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 T81 manufactured by ZTE CORPORATION, meets the requirements of EU 2002/95/EC.

Disposal of Your Old Device



1. When this crossed-out wheeled bin symbol is attached to a product, it means the product is covered by the European Directive 2002/96/EC.
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