Some services and apps may not be available in all countries. Please ask in-store for details.

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English - CJA33JVDAAA
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1 Your phone

1.1 Keys and connectors

*Diagrams of phone with labels:* Headset connector, LED light, Front camera, Touch screen, Back key, Menu key, Home key, Micro-USB connector.
Menu key

- Touch: display menu options. On the Home screen, touch to access Wallpaper, Widgets and Settings.
- Touch & hold: this shows you images of your most recently-used apps. Touch an image to open the associated app, or swipe it left or right to remove it from the list.

Home key

- While on any app or screen, touch the Home key to return to the main Home screen.
- Touch & hold this key to access Google Now & Voice Search.

Back key

- Touch to go back to the previous screen, or to close a dialogue box, options menu, the Notification panel, etc.

These keys are visible when the screen lights up.

Power key

- Press: activate the lock screen/wake up the screen.
- Press and hold: show the pop-up menu to select from Power off, Restart, Airplane, etc.
- Press and hold: power on.
- Press and hold the Power key and the Volume down key to capture a screenshot.

Volume keys

- During a call, they adjust the earpiece or headset volume.
- In Music/Video/Streaming mode, they adjust the media volume.
- In general mode, they adjust the ringtone volume.
- Mute the ringtone of an incoming call.
- In Camera mode, pressing either volume key captures a photo.
1.2 Getting started

1.2.1 Set-up

Removing or installing the back cover

Inserting or removing the SIM card

You must insert your SIM card to make phone calls. Place the SIM card with the chip facing downwards and slide it into its housing. Make sure that it is correctly inserted. To remove the SIM card, press and slide it out.

Your phone only supports micro-SIM card. Do not attempt to insert other SIM types like mini and nano cards, otherwise you may damage your phone.

Installing the microSD card

Place the microSD card with the chip facing downwards and slide it into its housing. Make sure that it is correctly inserted. To remove the microSD card, press and slide it out.

Charging the battery

To charge the battery, connect the charger to your phone and mains socket. You can also charge your phone via a USB cable. To reduce energy wastage, disconnect your charger from the plug when the battery is fully charged.

To reduce your phone’s power consumption, switch off Wi-Fi, GPS, Bluetooth or apps running in the background when not needed. In Settings you can also lower the brightness of the screen, and shorten the length of time before the screen goes to sleep.
1.2.2 Power on your phone
Hold down the Power key until the phone powers on. It will take a few seconds before the screen lights up. Unlock your phone (Slide, PIN, password or pattern) if necessary and confirm. The Home screen will display.

If you do not know your PIN code or if you have forgotten it, contact your network operator. Do not leave your PIN code with your phone. Store this information in a safe place when not in use.

Set up your phone for the first time
The first time you power on the phone you will be asked to set the following options: language, mobile data, Google account, date & time, etc.

1 Select the phone’s language, then touch Next.
2 Select Mobile Data, then touch Next.
3 Setup Google account: Touch Setup now. If you have a Google Account, touch Existing to sign in, then enter your Email and password. If you forget your password, you can go to http://www.google.com/ to retrieve it. Touch Next to skip to the next step.
4 Set your date and timezone, you can also choose Automatic time zone, then touch Finish to confirm.

If you power on your phone with no SIM card inserted you will still be able to connect to a Wi-Fi network to sign into your Google account and to use some features.

1.2.3 Power off your phone
Hold down the Power key from the Home screen until the Phone options appear, then select Power off.

1.3 Home screen
You can bring all your favourite items (apps, shortcuts, folders and widgets) to your Home screen for quick access. Touch the Home key to switch to the Home screen.

---

Status bar
- Status/Notification indicators
- Touch and drag down to open the Notification panel

Google Search bar
- Touch a to enter text search screen
- Touch b to enter voice search screen

Slide left or right to view other panels on the Home screen

Favourite tray apps
- Touch to enter the app
- Touch and hold to move or change apps

Application tab
- Touch to open All apps

The Home screen extends on either side of the screen to allow more space for adding apps, shortcuts, etc. Slide the Home screen horizontally left and right to get a complete view of the Home screen. The white spot in the lower part of the screen indicates which screen you are viewing.
1.3.1 Using the touchscreen

**Touch**
To access an app, touch it with your finger.

**Touch and hold**
Touch and hold the Home screen to access the available options for setting the wallpaper.

**Drag**
Touch and hold an item to be able to drag it to another location.

**Slide/Swipe**
Slide the screen to scroll up and down lists, screens of apps, images, web pages, etc.

**Flick**
Similar to swiping, but flicking makes it move quicker.

**Pinch/Spread**
Place your fingers of one hand on the screen surface and draw them apart or together to scale an element on the screen.

**Rotate**
Automatically change the screen orientation from portrait to landscape by turning the phone sideways.

1.3.2 Status bar
From status bar, you can view both phone status (on the right side) and notification information (on the left side).

<table>
<thead>
<tr>
<th>Status icons</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="GPRS connected icon" /></td>
<td>GPRS connected</td>
</tr>
<tr>
<td><img src="image" alt="No SIM card inserted icon" /></td>
<td>No SIM card inserted</td>
</tr>
<tr>
<td><img src="image" alt="EDGE connected icon" /></td>
<td>EDGE connected</td>
</tr>
<tr>
<td><img src="image" alt="Vibrate mode icon" /></td>
<td>Vibrate mode</td>
</tr>
<tr>
<td><img src="image" alt="3G connected icon" /></td>
<td>3G connected</td>
</tr>
<tr>
<td><img src="image" alt="Ringer is silenced icon" /></td>
<td>Ringer is silenced</td>
</tr>
<tr>
<td><img src="image" alt="HSDPA (3G) connected icon" /></td>
<td>HSDPA (3G) connected</td>
</tr>
<tr>
<td><img src="image" alt="Phone microphone is mute icon" /></td>
<td>Phone microphone is mute</td>
</tr>
<tr>
<td><img src="image" alt="HSPA (3G) connected icon" /></td>
<td>HSPA (3G) connected</td>
</tr>
<tr>
<td><img src="image" alt="Battery is very low icon" /></td>
<td>Battery is very low</td>
</tr>
<tr>
<td><img src="image" alt="4G connected icon" /></td>
<td>4G connected</td>
</tr>
<tr>
<td><img src="image" alt="Battery is low icon" /></td>
<td>Battery is low</td>
</tr>
<tr>
<td><img src="image" alt="Connected to a Wi-Fi network icon" /></td>
<td>Connected to a Wi-Fi network</td>
</tr>
<tr>
<td><img src="image" alt="Battery is partially drained icon" /></td>
<td>Battery is partially drained</td>
</tr>
<tr>
<td><img src="image" alt="Bluetooth is on icon" /></td>
<td>Bluetooth is on</td>
</tr>
<tr>
<td><img src="image" alt="Battery is full icon" /></td>
<td>Battery is full</td>
</tr>
<tr>
<td><img src="image" alt="Connected to a Bluetooth device icon" /></td>
<td>Connected to a Bluetooth device</td>
</tr>
<tr>
<td><img src="image" alt="Battery is charging icon" /></td>
<td>Battery is charging</td>
</tr>
<tr>
<td><img src="image" alt="Airplane mode icon" /></td>
<td>Airplane mode</td>
</tr>
<tr>
<td><img src="image" alt="Headset connected icon" /></td>
<td>Headset connected</td>
</tr>
<tr>
<td><img src="image" alt="Alarm is set icon" /></td>
<td>Alarm is set</td>
</tr>
<tr>
<td><img src="image" alt="No signal icon" /></td>
<td>No signal</td>
</tr>
<tr>
<td><img src="image" alt="GPS is on icon" /></td>
<td>GPS is on</td>
</tr>
<tr>
<td><img src="image" alt="Signal strength icon" /></td>
<td>Signal strength</td>
</tr>
<tr>
<td><img src="image" alt="Roaming icon" /></td>
<td>Roaming</td>
</tr>
</tbody>
</table>
Notification icons

<table>
<thead>
<tr>
<th>Icon</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mail</td>
<td>New Gmail™ message</td>
</tr>
<tr>
<td>Chat</td>
<td>New text or multimedia message</td>
</tr>
<tr>
<td>Call</td>
<td>Problem with SMS or MMS delivery</td>
</tr>
<tr>
<td>Call</td>
<td>New Hangouts message</td>
</tr>
<tr>
<td>Call</td>
<td>Call forwarding is on</td>
</tr>
<tr>
<td>Phone</td>
<td>New voicemail</td>
</tr>
<tr>
<td>Download</td>
<td>Upcoming event</td>
</tr>
<tr>
<td>Download</td>
<td>Data is synchronising</td>
</tr>
<tr>
<td>Download</td>
<td>No microSD card installed</td>
</tr>
<tr>
<td>Music</td>
<td>Song is playing</td>
</tr>
<tr>
<td>WiFi</td>
<td>Screenshot error</td>
</tr>
<tr>
<td>USB</td>
<td>USB tethering is on</td>
</tr>
<tr>
<td>Wi-Fi</td>
<td>Portable Wi-Fi hotspot is on</td>
</tr>
<tr>
<td>Screenshot</td>
<td>Screenshot captured</td>
</tr>
<tr>
<td>Battery</td>
<td>Carrier data use threshold</td>
</tr>
<tr>
<td>Battery</td>
<td>threshold approaching or exceeded</td>
</tr>
</tbody>
</table>

Call in progress
Missed call
Call on hold
Uploading data
Downloading data
Download finished
An open Wi-Fi network is available
Phone is connected via USB cable
Radio is on
System update available
Connected to VPN
International Roaming is enabled
International Roaming is disabled

Notification panel

Touch and drag down the Status bar to open the Quick setting panel or Notification panel. Touch and drag up to close it. When there are notifications, you may touch and drag the Status bar with two fingers to access Quick setting panel directly. From the Notification panel, you can open items and other reminders indicated by notification icons or view wireless service information.

Touch to access **Quick setting bar**

Touch and drag the Status bar with two fingers to access Quick setting bar
Touch a notification and slide it sideways to delete it.

Touch the icon "to clear all event–based notifications (other ongoing notifications will remain).

Touch and then the Settings icon " to access Settings.

1.3.3 Search bar

The phone provides a Search function which can be used to locate information within applications, the phone or the web.

a Search by text

• Touch Search bar from the Home screen.
• Enter the text/phrase you want to search for.
• Touch on the keyboard if you want to search on the web.

b Search by voice

• Touch from Search bar to display a dialog screen.
• Speak the word/phrase you want to search for. A list of search results will display for you to select from.
1.3.4 Lock/Unlock your screen

To protect your phone and privacy, you can lock your phone screen with a variety of patterns, PIN or password, etc. through Settings > Security > Set up screen lock.

To create a screen unlock pattern (Follow onscreen instructions)
- Touch Settings > Security > Set up screen lock > Pattern.
- Draw your own pattern.

To create a screen unlock PIN/Password
- Touch Settings > Security > Set up screen lock > PIN or Password.
- Set your PIN or password.

To lock phone screen
Press the Power key once to lock the screen.

To unlock phone screen
Press the Power key once to light up the screen, draw the unlock pattern you have created or enter PIN or password to unlock the screen.

If you have chosen Slide as the screen lock, touch and drag the icon right to unlock the screen.

1.3.5 Personalise your Home screen

Add an app or widget
Touch the Application tab , then touch and hold the app or widget to activate the Move mode, and drag the item to any Home screen.

Reposition an app or widget
Touch and hold the item to be repositioned to activate the Move mode, drag the item to the desired position and then release. You can move items both on the Home screen and the Favourites tray. Hold the icon on the left or right edge of the screen to drag the item to another Home screen.
Remove
Touch and hold the item to be removed to activate the Move mode, drag the item up to the top of Remove icon, and release after the item turns red.

Create folders
To make it easier to organise apps and shortcuts on the Home screen and the Favourite tray, you can add them to a folder by stacking one item on top of another. To rename a folder, open it and touch the folder’s title bar to input the new name.

Wallpaper customisation
Touch and hold an empty area on the Home screen or go to Settings > Display > Wallpaper to customise your wallpaper.

1.3.6 Volume adjustment

Using volume key
Press Volume key to adjust the volume. To activate the vibrate mode, press the Volume down key until the phone vibrates. Press the Volume down key once more to activate the silent mode.

Using Settings menu
Drag down the notification panel and touch and then the settings icon to enter Settings, then touch Sound, you can set the volume of calls, notification, system and etc. to your preference.

2 Text input

2.1 Using the onscreen keyboard

Onscreen keyboard settings
Touch the Application tab from the Home screen, select Settings > Language & input, then touch the Settings icon on the right of Google keyboard.

Adjust the onscreen keyboard orientation
Turn the phone sideways or upright to adjust the Onscreen Keyboard orientation. You can also adjust it by changing the settings (go to Settings > Display > Orientation).

2.1.1 Google keyboard

Touch to enter text or numbers
Touch to switch between "abc/Abc" mode;
Touch & hold to switch between "abc/ABC" mode
Touch & hold, then select to enter symbols/emoticons
Touch & hold to show input options; when Wi-Fi or data connection is on, touch to enter voice input
Touch to switch between the symbol and numeric keyboard
2.2 Text editing
You can edit the text you have entered.
• Touch and hold or double-tap on the text you would like to edit.
• Drag the tabs to change the highlighted selection.
• The following options will show: Select all, Cut, Copy and Paste.
• Touch the icon to confirm.

You can also insert new text
• Touch where you want to type, or touch and hold a blank space, the cursor will blink and the tab will show. Drag the tab to move the cursor.
• If you have selected any text, touch the tab to show PASTE icon which allows you to paste any text you have previously copied.

3 Phone call, Call log & People

3.1 Phone call

3.1.1 Placing a call
You can easily make a call using Phone. Touch the Application tab from the Home screen and select Phone.
Enter the number you want from the dialpad directly or select a contact from People or Call log by touching tabs, then touch ☎️ to place the call.

The number you entered can be saved to People by touching ☑️ key and selecting Add to contacts.

If you make a mistake, you can delete the incorrect digits by touching ❌.

To hang up a call, touch ✖️.

**International call**

To dial an international call, touch and hold 0° to enter "+", then enter the international country prefix followed by the full phone number and finally touch ☎️.

**Emergency call**

If your phone has network coverage, dial emergency number and touch ☎️ to make an emergency call. This works even without a SIM card and without typing the PIN code.

### 3.1.2 Answering or rejecting a call

![Answering or rejecting a call](image)

When you receive a call, touch 📞.

- Slide the icon right to answer the call;
- Slide the icon left to reject the call;
- Slide the icon up to reject the call by sending a preset message.

To mute incoming calls, press the Volume up/down key directly.

### 3.1.3 Calling your voicemail

Your voicemail is provided by your network to avoid missing calls. It works like an answering machine that you can consult at any time.

To access your voicemail, touch and hold 1° on Phone tab.

To set your voicemail number, touch ☑️ key and touch Settings > Voice call > Voicemail.

If you receive a voicemail, a voicemail icon 📞 appears on the Status bar. Open the Notification panel, touch New voicemail.
3.1.4 During a call
To adjust the volume during a call, press the **Volume up/down** key.

To avoid misoperation on touchscreen during a call, screen will be locked automatically when you put the cellphone close to your ear; and it will be unlocked when the cellphone is taken away from your ear.

**3.1.5 Managing multiple calls**
With this phone you can handle multiple calls at the same time.

**Conference calls** *(1)*
You can set up a conference call.

- Place a call to the first participant of the conference call.
- Touch \(\text{Add call}\) and select Add call.
- Enter the phone number of the person you want to add to conference and touch \(\text{Add call}\). You can also add participants from Contacts or Call log.

- Touch icon \(\text{Add call}\) to start a conference call.
- During a conference call, touch \(\text{Add call}\) to drop a participant or to talk privately to one of the participants. Touch \(\text{Add call}\) to drop the participant from the conference, touch \(\text{Add call}\) to talk privately to the participant and hold on other participants.
- Touch \(\text{Add call}\) to end the conference call and disconnect all callers.

(1) Depending on your network operator.
3.1.6 Call settings

Touch (Menu key and select Settings from Phone screen, the following options are available:

Voice call

• Voicemail

Voicemail service Opens a dialog box where you can select your carrier’s voicemail service or another service.

Voicemail settings If you are using your carrier’s voicemail service, this opens a dialog box where you can enter the phone number to use for listening to and managing your voicemail. You can enter a comma (,) to insert a pause into the number — for example, to add a password after the phone number.

• Call forwarding

Touch to configure how your calls are always forwarded or when you are busy, unanswered or unreachable.

• Additional settings

Caller ID Opens a dialog box where you can set whether your phone number is displayed when making calls.

Call waiting Mark the check box to notify you of a new incoming call.

Call waiting status Check the call waiting status of your phone.

• Video call

You can choose a picture from your collection to display when the Camera is unreachable.

Local video replacement

Outgoing video call

Incoming video call

• Fixed dialing numbers

Fixed Dialing Number (FDN) is a service mode of SIM, where outgoing calls are restricted to a set of phone numbers. These numbers are added to the FDN list. The most common practical application of FDN is for parents to restrict the phone numbers which their children can dial.

For security reasons, you’ll be prompted to enable FDN by entering SIM PIN2 which is usually acquired from your service provider or SIM maker.

• Minute reminder

Mark the check box to enable minute reminder at 50s of every minute during a call.

• Vibrate reminder

Mark the check box to enable vibration when the call is connected.

• Power key ends call

Mark the checkbox to enable hangup function of Power key during a call.

(1) Depending on your model.
• **Dual mic noise reduction**
Mark the checkbox to turn on dual mic for noise reduction.

• **Quick responses**
Touch to edit quick responses which will be used when you reject a call with messages.

• **TTY mode**
Touch to set TTY mode.

• **International dialing assist**
Mark the checkbox to activate.

### 3.2 Call log
You can view your call history by touching 📡 from the Phone screen to view call history in categories of Incoming calls, Outgoing calls, and Missed calls.

Touch a contact or number to view information or further operations.

You can view detailed information of a call, launch a new call or send messages to a contact or number, or add numbers to **People** (only available for unsaved phone numbers), etc.

Touch the photo 📷 to open the Quick Contact panel.

To clear the entire call memory, touch 🔼 key and **Delete**.

### 3.3 People
You can view and create contacts on your phone and synchronise these with your Gmail contacts or other apps on the web or on your phone.

When using People for the first time you are asked to add new contacts, import contacts from your SIM card or synchronise contacts from other app accounts to your phone.

**3.3.1 View your contacts**

To access **People** app, touch the Application tab on the Home screen, then select **People**.

Touch icon to open Quick Contact panel

Touch to view your contact groups

Touch to view your favourite contacts

Touch to view the contact’s detailed information

Touch to search in **Contacts**

Touch to add a new contact

Touch 🔼 key to display contacts list option menu.

Following actions are enabled:

• **Delete contact** Select and delete unwanted contacts.

• **Contacts to display** Choose contacts to display.

• **Import/Export** Import or export contacts between phone, SIM card, and microSD card, or share contacts.

• **Accounts** Manage the synchronisation settings for different accounts.

• **Settings** Access to contact display settings.

• **Share visible contacts** Share contacts with others by sending the contact’s vCard to them via Bluetooth, Email, SMS, etc.
3.3.2 Managing contact groups

The contact group helps you to improve the organisation of your contacts. You can add, remove and view groups in the Contact group screen.

Touch the icon 📞 to view local groups. To create a new group, touch the icon 📞, enter the new name and touch DONE to confirm. If you have added accounts to your phone, touch the icon 📞 to view groups in accounts.

3.3.3 Adding a contact

Touch the Application tab on the Home screen, select the People, then touch the icon 👤 in the contact list to create a new contact.

If you want to add more information, touch Add another field to add a new category.

When finished, touch DONE to save.

To exit without saving, you can touch 📲 key and then Discard.

Add to/remove from Favourites

To add a contact to favourites, you can touch a contact to view details then touch ⭐ to add the contact to favourites.

To remove a contact from favourites, touch ⭐ on contact details screen.

Only phone and account contacts can be added to favourites.

3.3.4 Editing your contacts

To edit contact information, touch ☰ key in the contact details screen, then touch Edit. When finished, touch DONE.

Change a contact’s default phone number

The default phone number (the number which has priority when making a call or sending a message) will always be displayed under the contact name.

To change the default phone number, touch and hold the number you want to set as the default number from the contact’s details screen, then select Set default. A ✓ appears after the number.

This choice is only available when the contact has more than one number.

Delete a contact

To delete a contact, touch ☰ key and touch Delete from contact (details) screen.

On contacts list screen, touch ☰ key and then Delete contact, select the contact(s) you want to remove and touch OK to confirm. Touch Select all and then OK to delete all contacts, touch CANCEL to exit.
The contact you have deleted will also be removed from other applications on the phone or web the next time you synchronise your phone.

3.3.5 Communicating with your contacts
From contact details screen, you can communicate with your contacts by making a call or exchanging messages.
To launch a call, touch the phone number.
To send a message, touch the icon on the right side of the number.

Use Quick Contact for Android
Touch a contact’s picture to open Quick Contact for Android, then you can touch the number or the icon for the way you want to connect.

The icons available on Quick Contact panel depend on the information you have for the contact and the applications/accounts on your phone.

3.3.6 Importing, exporting and sharing contacts
From the Contacts screen, touch key to open the options menu, touch Import/Export, then select to import/export contacts from/to your SIM card, Phone, microSD card, Phone storage, Accounts, etc.
To import/export a single contact from/to your SIM card, choose an account and target SIM card, select the contact you want to import/export, and touch OK to confirm.
To import/export all contacts from/to your SIM card, choose an account and target SIM card, touch Select all and touch OK to confirm.
You can share a single contact or contacts with others by sending the contact’s vCard to them via Bluetooth, Gmail, etc.
To do this, touch a contact you want to share, touch key and Share from contact details screen, then select the app to perform this action.

3.3.7 Displaying contacts
You can configure which group of contacts, for each account, you want to display in the People list. Touch key and then Contacts to display from contacts list screen, then you can choose contacts to display.
Touch key and then Settings, you can Sort list by Given name or Family name, as well as View contact names as Given name first or Family name first.
3.3.8 Joining/Discarding contacts

To avoid duplication, you can add any new contact information to existing contacts in a single action.

Touch the contact which you want to add information to, touch Edit, then touch key in edit screen and touch Join.

At this time, you are required to select the contact whose information you want to join with the first contact. The information from the second contact is added to the first one, and the second contact will no longer be displayed in the contacts list.

To separate contact information, touch the contact whose information you want to separate, touch key and then Edit, then touch key in edit screen and touch Separate, touch OK to confirm.

3.3.9 Synchronising contacts in multiple accounts

Contacts, data or other information can be synchronised from multiple accounts, depending on the apps installed on your phone.

To add an account, touch on Quick setting bar to get to Settings, then touch Add account.

You are required to select the kind of account you are adding, like Google, Corporate, etc.

As with other account set-ups, you need to enter detailed information, like username, password, etc.

You can remove an account and all associated information from the phone. Open the Settings screen, touch the account you want to delete, touch key and then select Remove account, then confirm.

Sync

You can synchronise an account on Accounts screen, touch an account in the list, then touch key and select Sync now.

4 Messaging & Email

4.1 Messaging

Your phone can create, edit and receive SMS and MMS messages.

Touch the Application tab from the Home screen, then select Messaging.

All messages you receive or send out can be saved in your phone memory or SIM card. To view SMS messages stored on your SIM card, touch key from Messaging screen, then touch Settings > Text messages (SMS) > Manage SIM messages.

4.1.1 Create a new message

On the message list screen, touch the new message icon to write new text/multimedia messages.

- Touch to view the whole message thread
- Touch & hold message threads to delete messages or to add shortcut

Touch to create a new message

Touch to search in all messages
Sending a text message

Enter the mobile phone number of the recipient on the **Type name or number** bar or touch to add recipients, then touch the **Type text message** bar to enter the text of the message. When you've finished, touch to send the text message.

An SMS of more than 160 characters will be charged as several SMS. Specific letters (like accents, for example) will also increase the size of the SMS, so this may cause multiple SMS to be sent to your recipient.

Sending a multimedia message

MMS enables you to send video clips, images, photos, animations, slides and audio to other compatible phones and e-mail addresses.

An SMS will be converted to MMS automatically when media files (image, video, audio, slides, etc.) are attached or Subject or email addresses are added.

To send a multimedia message, enter the recipient's phone number in the **Type name or number** bar, touch **Type text message** bar to enter the text of the message. touch key to open the option menu, touch **Add subject** to insert a subject, and touch to attach picture, video, audio and so on.

When finished, touch to send the multimedia message.

Attach options:

- **Pictures**
  Access Gallery or File manager to select a picture as attachment.
- **Capture picture**
  Access Camera to capture a new picture for attaching.
- **Videos**
  Access Gallery or File manager to select a video as attachment.
- **Capture video**
  Access Camcorder to record a new video for attaching.
- **Record audio**
  Access Sound Recorder to record a new record.
- **Audio**
  Access music from **Ringtone** or **Audio**.
- **Slideshow**
  Enter Edit slide show screen, touch **Add slide** to create a new slide, and touch currently existing slide to edit it (see following picture). Touch to get more options, like slide duration setting, music adding, etc.
- **Contact**
  Access **People** to select one or more contact(s) to attach.
- **Calendar**
  Access **Calendar** to select one or more event(s) to attach.

Touch to go to previous or next slide

Touch to preview current slide

Touch to edit the title of this slide
4.1.2 Manage messages

When a new message comes, an icon 📩 will appear on status bar as notification. Drag down the status bar to open the Notification panel, touch the new message to open it. You can also access Messaging and touch the new message to open it.

Messages are displayed in conversational order.

To reply to a message, touch the current message to enter message-composing screen, enter the text, then touch 🔄.

Touch and hold a message in message details screen, the following options will be available:

- **Copy**
  - This option only available for SMS. Touch to copy current message content and past it to Type text message bar of the new message you are going to compose.

- **Forward**
  - Touch to forward the message to another recipient.

- **Delete**
  - Delete the current message.

- **Lock/Unlock**
  - Touch to lock/unlock message.

- **View details**
  - Touch to view details of the message.

- **Select text**
  - Touch to select text to Type text message bar as new message.

- **Save message to SIM card**
  - This option displays when the message is an SMS. Touch to save the message to SIM card.

4.1.3 Adjust message settings

In message list screen, touch 📩 key and select Settings.

**SMS Enabled**

Touch to change your default SMS app.

**Text messages (SMS)**

- **Delivery reports**
  - Mark to request a delivery report for each text message you send.

- **Manage SIM messages**
  - Touch to view or manage messages on your SIM card.

- **Edit quick text**
  - Touch to add or edit message templates.

- **SMS service centre**
  - Touch to view or edit your SMS service centre.

- **SMS storage location**
  - Touch to select phone or SIM card to store messages.
Multimedia messages (MMS)

- **Group messaging** Mark the checkbox to send a single message to multiple recipients.
- **Delivery reports** Select to request a delivery report for each multimedia message you send.
- **Read reports** Select to request a report on whether each recipient has read a multimedia message sent by you.
- **Send read report** Select to request a report on whether the multimedia message is sent out.
- **Auto-retrieve** Select to download full MMS message (including message body and attachment) automatically to your phone. Otherwise, download only the MMS message header.
- **Roaming auto-retrieve** Select to download full MMS message (including message body and attachment) automatically when roaming. Otherwise, download only the MMS message header to avoid extra charges.
- **Creation mode** Touch to set MMS creation mode when composing message.
- **Maximum message size** Select to edit the message size, but it should not be more than 300KB.
- **Priority** Set MMS priority as **High**, **Normal** or **Low**.

Notifications

- **Notifications** Select to display message notifications in status bar.
- **Select ringtone** Touch to select a ringtone as a new message notification tone.
- **Mute** Select to make phone mute as a notification when receiving a new message.

General

- **Chat wallpaper** Touch to select wallpaper for message background.
- **Message font size** Touch to select message font size.
- **Show email address** Mark the checkbox to include email address in contact results.
- **Delete old messages** Select to delete old messages when maximum number of stored messages is reached.
- **Text message limit** Touch to set the number of text messages to be saved per conversation.
- **Multimedia message limit** Touch to set the number of multimedia messages to be saved per conversation.
- **Enable CB ringtone** Mark/unmark the checkbox to enable/disable cell broadcast ringtone.
- **Select CB ringtone** Touch to select a ringtone for cell broadcast.
- **Cell Broadcast** Touch to enable or disable cell broadcast service or to choose language and channel for it.
- **Enable WAP PUSH** Mark/Unmark the checkbox to allow or block WAP PUSH.
4.2 Gmail/Email

The first time you set up your phone, you can select to use an existing Gmail account or to create a new Email account.

4.2.1 Gmail

As Google’s web-based email service, Gmail is configured when you first set up your phone. Gmail on your phone can be automatically synchronised with your Gmail account on the web. Unlike other kinds of email account, each message and its replies in Gmail are grouped in your inbox as a single conversation; all emails are organised by labels instead of folders.

To access Gmail

From the Home screen, touch the Application tab to enter the applications list, then touch Gmail.

Gmail displays messages and conversations from one single Gmail account at a time, if you own more than one account, you can add an account by touching key and select Settings from Inbox screen, then touch ADD ACCOUNT. When finished, you can switch to another by touching the account name from Inbox screen, then select the account you want to view.

To create and send emails

1. Touch from Inbox screen.
2. Enter recipient(s)'s email address in To field.
3. If necessary, touch key and touch Add Cc/Bcc to add a copy or a blind copy to the message.
4. Enter the subject and the content of the message.
5. Touch key and select Attach file to add an attachment.
6. Finally, touch the icon to send.

7. If you do not want to send the mail out right away, you can touch key and then Save draft or touch the Back key to save a copy. To view the draft, touch your account name to display all labels, then select Drafts.

If you do not want to send or save the mail, you can touch key and then touch Discard.

To add a signature to emails, touch key and then touch Settings from inbox screen, choose an account, then touch Signature.

To receive and read your emails

When a new email arrives, you will be notified by a ringtone or vibration, and an icon will appear on Status bar.

Touch and drag down the Status bar to display the Notification panel, touch the new email to view it. Or you can also access the Gmail Inbox label and touch the new mail to read it.

You can search for an email by sender, recipient, subject, etc.

- Touch the icon from Inbox screen.
- Enter the keyword you want to search for in the searching box and touch on the software keyboard.

To reply or forward emails

- Reply When viewing an email, touch key to reply this mail.
- Reply all Touch and select Reply all to send message to all people in a mail loop.
- Forward Touch and select Forward to forward the received mail to other people.
4.2.2 Email

Besides your Gmail account, you can also set-up external email accounts on your phone.

Touch the Application tab from the Home screen, then select Email.

An email wizard will guide you through the steps to set up an email account.

1. Enter the email address and password of the account you want to set up.
2. Touch Next. If the account you entered is not provided by your service provider in the phone, you will be prompted to go to the email account settings screen to enter settings manually. Or you can touch Manual setup to directly enter the incoming and outgoing settings for the email account you are setting up.
3. Enter the account name and display name in outgoing emails.
4. To add another email account, you can touch key and Settings. Touch ADD ACCOUNT on the right of the title to create a new account.

To create and send emails

1. Touch the icon on Inbox screen.
2. Enter recipient(s) email address(es) in the To field.
3. If necessary, touch key and touch Add Cc/Bcc to add a copy or a blind copy to other recipients.
4. Enter the subject and the content of the message.
5. Touch key, then touch Attach file to add an attachment.
6. Finally, touch to send.
7. If you do not want to send the mail right away, you can touch key and Save draft or touch the Back key to save a copy.

5 Calendar, Alarm clock & Calculator

5.1 Calendar

Use Calendar to keep track of important meetings, appointments, etc.

To access this function, touch the Application tab from the Home screen, then touch Calendar.

5.1.1 Multimode view

You can display the Calendar in daily, weekly, monthly, or agenda view.

To change your Calendar view, touch the date title to open a drop-down menu for your options. Touch the icon to return to Today's view.
5.1.2  To create new events
You can add new events from any Calendar view.
• Touch the icon to access new event edit screen.
• Fill in all required information for this new event. If it is a whole-
day event, you can select All day.
• When finished, touch DONE from the top of the screen.
To quickly create an event from Day, Week view screen, touch and
hold an empty spot or an event to open Option menu, then touch
New event to enter the event details screen of the time you have
previously selected. Or you can also touch an empty spot till it
turns blue, then tap again to enter new event editing screen.

5.1.3  To delete or edit an event
To share, delete or edit an event, touch the event to enter details
screen, touch the icon to share the event to other people by
Bluetooth, Email and messaging, etc., touch the icon to edit
the event, and touch the icon to delete.

5.1.4  Event reminder
If a reminder is set for an event, the upcoming event icon will appear on Status bar as a notification when the reminder
time arrives.
Touch and drag down the status bar to open the Notification
panel, touch event name to view Calendar notification list.
Touch Snooze to turn off all event reminders for 5 minutes.
Touch Back key to keep the reminders pending in the status bar
and the Notification panel.

5.2  Clock
Your mobile phone has a built-in clock.
To access this function, touch the Application tab from the Home
screen, then touch Clock.
Touch to add or set an alarm.

5.2.1  To set an alarm
From Time screen, touch to enter Alarms screen, touch +
to add a new alarm. Following options will show:
• Time Touch numbers to set the time for your alarm.
• Label Touch to set a name for the alarm.
• REPEAT Touch to select days you want alarm to
work.
• OCEAN Touch to select an alarm ringtone.
• VIBRATE Select to activate vibration.
Touch and hold an already existing alarm and touch \( \text{trash can} \) to delete the selected alarm.

### 5.2.2 To adjust alarm settings

Touch \( \text{list} \) key from Alarms screen. The following options will be available under Settings:

#### CLOCK
- **Style** Touch to set Analog or Digital style.
- **Automatic home clock** Touch to set home clock while travelling outside.
- **Home time zone** Touch to set home time zone.

#### ALARMS
- **Silence after** Touch to set time silence.
- **Snooze length** Touch to choose length of snooze.
- **Alarm volume** Touch to set alarm volume.
- **Volume buttons** Touch to choose Snooze, Dismiss or Do nothing as volume buttons.

### 5.3 Calculator

With Calculator, you can solve many mathematical problems. To access this function, touch the Application tab from the Home screen, then touch Calculator.

There are two panels available: Basic panel and Advanced panel.

To switch between panels, select one of the following two ways:
- Touch and drag the basic screen to the left to open the Advanced panel.
- Or touch \( \text{list} \) key from basic panel to open option menu and touch Advanced panel.
6 Getting connected

Your phone can connect to the Internet using either GPRS/EDGE/3G or Wi-Fi.

6.1 Connecting to the Internet

6.1.1 GPRS/EDGE/3G/4G

The first time you turn on your phone with the SIM card inserted, it will automatically configure a mobile network service: GPRS, EDGE, 3G or 4G. If the network is not connected, you can touch the Quick setting bar.

To check the network connection you are using, touch the Application tab on the Home screen, then touch Settings > More... > Mobile networks > Access Point Names or Network operators.

To create a new access point

A new mobile network connection can be added to your phone with the following steps:

1. Touch the Quick setting bar to get to Settings.
2. Touch More... > Mobile networks > Access Point Names.
3. Then touch the key and select New APN.
4. Enter the required APN information.
5. When finished, touch the key and Save.

To activate/deactivate Data roaming

When roaming, you can decide to connect/disconnect to a data service.

1. Touch the Quick setting bar to get to Settings.
2. Touch More... > Mobile networks.
3. Mark/Unmark the checkbox to activate or deactivate data roaming.
4. When Data roaming is deactivated, you can still perform data exchange with a Wi-Fi connection (refer to "6.1.2 Wi-Fi").

6.1.2 Wi-Fi

You can connect to the Internet when your phone is within range of a wireless network. Wi-Fi can be used on your phone even without a SIM card inserted.

To turn Wi-Fi on and connect to a wireless network

1. Touch the Quick setting bar to get to Settings.
2. Touch the switch beside Wi-Fi to turn on/off Wi-Fi.
3. Touch Wi-Fi: detailed information of all detected Wi-Fi networks is displayed in the Wi-Fi networks section.
4. Touch a Wi-Fi network to connect to it. If the network you selected is secured, you are required to enter a password or other credentials (contact network operator for details). When you’re finished, touch Connect.
To activate notification when a new network is detected

When Wi-Fi is on and the network notification is activated, the Wi-Fi icon will appear on the status bar whenever the phone detects an available wireless network within range. The following steps activate the notification function when Wi-Fi is on:

1. Touch on Quick setting bar to get to Settings.
2. Touch Wi-Fi, then key and select Advanced.
3. Mark/Unmark the Network notification checkbox to activate/deactivate this function.

To add a Wi-Fi network

When Wi-Fi is on, you may add new Wi-Fi networks according to your preference.

1. Touch on Quick setting bar to get to Settings.
2. Touch Wi-Fi, and then touch .
3. Enter the name of the network and any required network information.
4. Touch Save.

When successfully connected, your phone will be connected automatically the next time you are within range of this network.

To forget a Wi-Fi network

The following steps prevent automatic connections to networks which you no longer wish to use.

1. Turn on Wi-Fi, if it's not already on.
2. In the Wi-Fi screen, touch & hold the name of the saved network.
3. Touch Forget network in the dialogue that opens.

6.2 Browser

Using the Browser you can enjoy surfing the Web.

To get onto the Web, touch the Application tab from the Home screen, then touch Browser.

To go to a web page

On Browser screen, touch the URL box at the top, enter the address of the web page, then touch to confirm.

The URL bar will hide after a few seconds. To show the URL bar, you can touch and slide down the screen.

To set homepage

1. Touch key from Browser screen to display option menu, touch Settings > General > Set home page.
2. Choose a page or most visited website as your homepage.
3. If you choose Other, enter the URL of the website you want to set as your homepage, touch OK to confirm.
6.2.1 Viewing web pages

When opening a website, you can navigate on web pages by sliding your finger on the screen in any direction to locate the information you want to view.

To zoom in/out of a web page
Pinch/Spread your finger on the screen to zoom out/in of the web page.

To quickly zoom into a section of a web page, double-tap on the section you want to view. To return to normal zoom level, double-tap again.

To find text on a web page
1. Touch key from web page screen, then touch Find on page.
2. Enter the text or phrase you want to find.
3. The words with matching characters will be highlighted on the screen.
4. Touch the up or down arrow to switch to the previous or next matching items.
5. When finished, you can touch or the Back key to close the search bar.

Further operations for the text on a web page
You can copy, share or search the text from a web page:
1. Touch and hold the text to highlight.
2. Move the two selecting tabs to locate the text. Or touch SELECT ALL to select all words in this web screen.
3. Touch icons above for further options, including Copy, Share and Web Search.
4. When finished, touch or the Back key to deactivate the mode.

To open new window/switch between windows
Multiple windows can be opened at the same time for your convenience.
1. Touch to open all windows’ thumbnails.
2. Slide up and down to view all windows, touch one to view it.
3. Touch to open a new window.
4. To close a window, touch on the window you want to close or slide it sideways.

Other options:
- Refresh
  - To refresh the current page.
- Stop
  - To stop opening the current page.
- Home page
  - To get back to the homepage you set.
- Save to bookmarks
  - To add the current website page as bookmark.
- Close
  - To close all tabs and exit.
- Save for offline reading
  - To save the web page for offline reading. You can find it by touching key and then touching Bookmarks/History > Saved pages.
- Share page
  - To share the current page with your friends via various ways, like Message, Email, Bluetooth, etc.
- Find on page
  - To input contents you want to find on the current page.
- Request desktop site
  - To enable/disable computer version websites.
- Bookmarks/History
  - To see the bookmarks and browsing history.
- Settings
  - To access a series of Browser settings.
- Version
  - To see the version of browser.
6.2.2 Manage links, history, downloads

To manage a link, phone number or address displayed on a web page

- **Link**
  Touch the link to open the web page.
  Touch and hold the link to open options for further operation, like open in new window, save link, Copy link URL, etc.

- **Phone number**
  Touch to call the phone number.

- **Address**
  Touch to open Google Maps and locate the address.

To view Browser history

- Touch **•** key from Browser screen.
- Touch **Bookmarks/History**.
- Touch **HISTORY** tab to view browser history.
- Touch **SAVED PAGES** to view the pages you saved.

To download a web application/view your downloads

Before downloading a web application, you need to enable your phone to install web applications (touch the Application tab from the Home screen, touch **Settings > Security**, mark checkbox of **Unknown sources**, finally touch **OK** to confirm).

To download an item, touch the item or the link you want to download.

To cancel a download, touch the downloaded item from the Notification panel, touch and hold the item to be deleted, and touch **🗑** to confirm.

To view items you have downloaded, touch the Application tab, then touch **DOWNLOADED**.

Manage bookmarks

To bookmark a web page

- Open the web page you want to bookmark.
- Touch **•** key and touch **Save to bookmarks**, or from the **History** screen, touch the star beside the URL.
- Enter the name and the location if needed and touch **OK** to confirm.

To open a bookmark

- Touch **•** key and touch **Bookmarks/History**, or touch the icon **🌟** to enter the Bookmarks screen.
- Touch the bookmark you want to open.
- You can also touch and hold to display the options screen, then touch **Open** or **Open in new window**.

Touch and hold a bookmark in the bookmark list to view additional options:

- **Add shortcut to Home**
- **Share link**
- **Copy link URL**
- **Set as homepage**

To set this page as the homepage.
6.2.3 Settings
A series of settings are available for your adjustment. To access Browser settings, touch key from Browser screen, and touch Settings.

6.3 Connecting to Bluetooth devices
Bluetooth is a short-range wireless communication technology that you can use to exchange data, or connect to other Bluetooth devices for various uses.

To access this function, touch on Quick setting bar to get to Settings, then touch Bluetooth, your device and other available ones will show on the screen.

To turn on Bluetooth
1 Touch on Quick setting bar to get to Settings.
2 Touch to activate/deactivate this function.

To make your phone more recognizable, you can change your phone name which is visible to others.
1 Touch on Quick setting bar to get to Settings.
2 Touch Bluetooth.
3 Touch key and select Rename phone.
4 Enter a name, and touch Rename to confirm.

To make device visible
1 Touch on Quick setting bar to get to Settings.
2 Touch Bluetooth.
3 Touch your device to make it visible or invisible.
4 Touch key and select Visibility timeout to select the visible time.

To pair/connect your phone with a Bluetooth device
To exchange data with another device, you need to turn Bluetooth on and pair your phone with the Bluetooth device with which you want to exchange data.
1 Touch on Quick setting bar to get to Settings.
2 Touch Bluetooth.
3 Touch SEARCH FOR DEVICES.
4 Touch a Bluetooth device you want to be paired with in the list.
5 A dialog will popup, touch Pair to confirm.
6 If the pairing is successful, your phone connects to the device.

To disconnect/unpair from a Bluetooth device
1 Touch the device name you want to unpair.
2 Touch Unpair to confirm.

6.4 Connecting to a computer via USB
With the USB cable, you can transfer media files and other files between your phone and computer.

To connect/disconnect your phone to/from the computer:
Use the USB cable that came with your phone to connect the phone to a USB port on your computer. You will receive a notification that the USB is connected.

If you want to change the USB connection type, open the Notifications panel and touch .
To locate data you have transferred or downloaded in the internal storage:

1. Touch the Application tab from the Home screen to open the apps list.
2. Touch File Manager.

All data you have downloaded is stored in File Manager, where you can view media files (videos, photos, music and others), rename files, install apps onto your phone, etc.

To format a microSD card

1. Touch on Quick setting bar to get to Settings.
2. Touch Storage.
3. Touch Format SD card, a popup message appears to warn you that formatting the microSD card will erase its contents.
4. Touch Format SD card to confirm.

6.5 Sharing your phone’s mobile data connection

You can share your phone’s mobile data connection with a single computer via a USB cable (USB tethering) or with up to eight devices at once by turning your phone into a portable Wi-Fi hotspot or via Bluetooth.

To turn on USB tethering or Portable Wi-Fi hotspot

1. Touch on Quick setting bar to go to Settings.
2. Touch More... > Tethering & portable hotspot.
3. Mark/unmark the checkbox of USB tethering to activate/deactivate this function.

To share your phone’s data connection via USB

Use the USB cable that along with your phone to connect the phone to a USB port on your computer.

1. Drag down the Notification panel and touch then the Settings icon to access Settings.
2. Touch More... > Tethering & portable hotspot.
3. Mark/unmark the checkbox of USB tethering to activate/deactivate this function.

To share your phone’s data connection as a portable Wi-Fi hotspot

1. Drag down the Notification panel and touch then the Settings icon to access Settings.
2. Touch More... > Tethering & portable hotspot.
3. Touch the switch beside Wi-Fi hotspot to activate/deactivate this function.

To share your phone’s data connection via Bluetooth

1. Drag down the Notification panel and touch then the Settings icon to access Settings.
2. Touch More... > Tethering & portable hotspot.
3. Mark/Unmark the check box of Bluetooth tethering to activate/deactivate this function.

Sharing data may incur additional charges from your network operator. Extra fees may also be charged in roaming areas.
To rename or secure your portable hotspot
When Portable Wi-Fi hotspot is activated, you could change the name of your phone's Wi-Fi network (SSID) and secure its Wi-Fi network.
1 Drag down the Notification panel and touch 📲 then the Settings icon 📲 to access Settings.
2 Touch More... > Tethering & portable hotspot > Wi-Fi hotspot.
3 Touch Set up Wi-Fi hotspot to change the network SSID or set your network security.
4 Touch Save.

6.6 Connecting to virtual private networks
Virtual private networks (VPNs) allow you to connect to the resources inside a secured local network from outside that network. VPNs are commonly deployed by corporations, schools, and other institutions so that their users can access local network resources when not inside that network, or when connected to a wireless network.

To add a VPN
1 Touch 📲 on Quick setting bar to get to Settings.
2 Touch More... > VPN settings and then touch 📲.
3 In the screen that opens, follow the instructions from your network administrator to configure each component of the VPN settings.
4 Touch Save.
The VPN is added to the list on the VPN settings screen.

Before adding a VPN, you should set a lock screen pattern, PIN code or password for your phone.

To connect/disconnect to a VPN
To connect to a VPN:
1 Touch 📲 on Quick setting bar to get to Settings.
2 Touch More... > VPN settings.
3 VPNs you have added are listed; touch the VPN you want to connect with.
4 In the dialog that opens, enter any requested credentials and touch Connect.

To disconnect:
• Open the Notification panel and touch the resulting notification for VPN disconnection.

To edit/delete a VPN
To edit a VPN:
1 Touch 📲 on Quick setting bar to get to Settings.
2 Touch More... > VPN settings.
3 VPNs you have added are listed; touch & hold the VPN you want to edit.
4 Touch Edit profile.
5 After finished, touch Save.

To delete:
• Touch and hold the VPN you want to delete, in the dialog that opens, touch Delete profile.
7  Google Play Store (1)

Google Play Store is an online software store, where you can download and install applications and games to your Android Powered Phone.

To open Google Play Store:
• Touch the Application tab from the Home screen, then touch Google Play Store.
• For the first time you access Google Play Store, a screen with terms of service pops up for your attention, touch Accept to continue.

Touch key and then select Help to enter Google Play Store help page for more information on this function.

8  Multimedia applications

8.1  Camera

Your mobile phone is fitted with a Camera for taking photos and shooting videos.

Before using the Camera, please be sure to open the protective lens cover before use to avoid it affecting your picture quality.

To access this function, touch the Application tab from the Home screen and then touch Camera.

Touch to open settings
Touch to switch between front/back camera
Touch to select flash modes
Double tap or Pinch/Spread to zoom in/out
Slide to view pictures or videos you have taken
Slide to switch to video recorder
Touch to take a picture

To take a picture
The screen acts as the viewfinder. First position the object or landscape in the viewfinder, touch icon to take the picture which will be automatically saved.

To shoot a video
First position the object or landscape in the viewfinder, and touch icon to start recording. Touch icon to stop recording. The video will be automatically saved.

(1) Depending on your country and operator.
Further operations when viewing a picture/video you have taken
• Touch the icons below the screen to share and edit the photo or video you have taken.
• Touch the photo icon to access Gallery.

8.1.1 Settings in framing mode
Before taking a photo/shooting a video, touch the icon to adjust a number of settings in framing mode.

Back camera shooting mode
Touch the key to access camera settings and below options will display for you to choose from:
• Full screen  Touch to turn on/off full screen preview mode.
• Night  Touch to turn on/off night mode.
• Sports  Touch to turn on/off sports mode.
• Advanced  Touch to set picture size, timer, ISO, exposure or turn on/off GPS location info.
• Restore defaults  Touch to restore camera default settings.
• Shutter sound  Touch to turn on/off shutter sound.
• HDR  Touch to turn on HDR (high-dynamic range) function. HDR photos can better reflect the visual effects people have in the real environment by synthesizing images under different exposure time. The phone will then automatically save the original photos and HDR ones.
• Panorama  Touch to turn on panorama function. Press the Shutter button or the Volume key to start taking panoramic photo and move the phone towards your capture direction and overlap the two lines. Once the nine slots below the screen are filled, the phone will automatically save the photo.

Front camera shooting mode
Switch to front camera, touch the key to access camera settings and the following options will display for your choice:
• Face beauty  Touch to turn on/off face beauty function.
• Expression (4-shot)  Touch to turn on expression (4-shot) function: once four photos taken, the phone will automatically synthesize and save them as one picture.
• Filter  Touch to choose between different filter modes.

8.2 Gallery
Gallery acts as a media player for you to view photos and playback videos. In addition, a set of further operations to pictures and videos are available for your choice.
To access this function, touch the Application tab from the Home screen, then touch Gallery.

Touch to select album, then choose several pictures (max 9) for further editing
Touch to Switch to camera
Touch to select categories: Albums, Locations, Times
Touch the album to spread it apart
Slide left or right to view more albums
To view a picture/play a video
Pictures and videos are displayed by albums in Gallery.

- Touch an album and all pictures or videos will spread the screen.
- Touch the picture/video directly to view or play it.
- Slide left/right to view previous or next pictures/videos.

Working with pictures
You can work with pictures by rotating or cropping them, sharing them with friends, setting them as contact photo or wallpaper, etc.

Locate the picture you want to work on, touch the picture from full-screen picture view. Slide the icon bar below left and right to select one, touch icon to share the picture, touch icon above and confirm OK to delete the picture.

Edit Touch to Crop, Rotate or Sharpen the picture.
Beauty Touch to beautify the picture by Dermabrasion, Whitening or Complexion.
Enhance Touch to open Toning color and Smart fill light.
Effect Touch to set effect of Lomo, Portrait, Fashion or Art.
Frame Touch to choose frame.
Mosaics Touch to add mosaics to the picture.
Text Touch to add text to the picture.
Bokeh Touch to set Circle bokeh or Line bokeh.
After activating the crop mode, the cropping square appears in the middle of the picture. Select the portion to crop, touch to confirm and Save, touch icon to exit without saving.

Batch operation
Gallery provides a multi-select function, so that you can work with pictures/videos in batches.

Open the main Gallery window or an album, touch key and touch Select album to activate batch operation mode (you can also touch and hold one album/picture), then touch albums/pictures you want to work on. Touch to delete. Touch to share selected ones.

8.3 Play music
Using this menu, you can play music files stored on the microSD card in your phone. Music files can be downloaded from computer to microSD card using a USB cable.

To access this function, touch the Application tab from the Home screen, then touch Play Music.

You will find four categories in which all songs are classified: GENRES, ARTISTS, ALBUMS and SONGS. Slide left and right to view all. Touch Shuffle all to shuffle all songs.

8.3.1 Playing music
Touch a song to play the song.

Touch to search music
Touch to select Listen now, My Library or Playlists
Touch to play the current playlist in shuffle mode (tracks are played in random order)

Touch key to get to Settings.

GENERAL
Google Account Touch to choose account.
Equaliser Touch to get to audio settings.

DEVELOPER
Open-source licences Touch to read licences.
Music version Check version of Music.

While playing songs with Music, the operation of pause, play or skip is still available even if the screen is locked.

Touch to get available options:
Add to queue   Touch to add the song into playing queue.
Add to playlist   Touch to add to playlist.
Go to artist   Touch to go to artist.
Go to album   Touch to go to album.
Delete   Touch to delete the song.

8.4  Video player
To access this function, touch the Application tab from the Home screen, then touch Video player.

Video player is a small built-in video player that lists all your videos.
Touch an item from the list to play. While playing, touch a point on the timeline to jump to and play from.

9  Google Maps

9.1  Get My Location

9.1.1  Turn on GPS
To turn on your phone's global positioning system (GPS) satellite receiver:
1 Touch \(\text{on Quick setting bar to go to Settings.}\)
2 Touch Location access.
3 Touch the switch beside Location access and choose location mode you preferred.

9.1.2  Open Google Maps and view My Location
Touch the Application tab from the Home screen, then touch Maps.

Touch \(\) icon on the map to view My Location.
The map will then center on a blue dot. Your actual position will be at the blue dot.

To move the map, drag the map with your finger.
To zoom in and out of a map, pinch or spread your fingers, or you can also zoom in by double-tapping a location on screen.
9.2 Search for a location
While viewing a map, touch the search icon to activate search function.
In the search box, enter an address, a city or a local business.
Touch the search icon to search, and in a while your search results will appear on the map as red dots. You can touch one to show a label.

9.3 Save a location
Just like bookmarking a web address on the Internet, you can star any position on the map for later use.

9.4 Open Street View for a location
1 Touch and hold a location to display its address at the bottom of the maps screen.
2 Drag up the details screen to display a Street View thumbnail.
3 Touch Street view.

9.5 Get driving, public transportation or walking directions

9.5.1 Get suggested routes for your trip
Touch icon from Maps screen.

1 Touch enter bar to edit your start point by entering an address or selecting a saved item.
2 Do likewise for your end point.
3 To reverse directions, touch .
4 Then select a transport mode: driving by car, using public transportation, or walking directions.
5 Touch Route options to select Avoid highways or Avoid tolls.
6 A couple of suggested routes will appear in a list. Touch any route to view its respective detailed direction.
10 Others

10.1 File Manager

To access this function, touch the Application tab from the Home screen, then touch File Manager.

File Manager works with both microSD card and phone storage. File Manager displays all data stored on both microSD card and phone storage, including applications, media files; videos, pictures or audios you have captured; other data transferred via Bluetooth, USB cable, etc.

When you download an application from PC to microSD card, you can locate the application on File Manager, then touch it to install it in your phone.

File Manager allows you to perform and be really efficient with the following common operations: create (sub) folder, open folder/file, view, rename, move, copy, delete, play, share, etc.

10.2 Sound Recorder

To access this function, touch the Application tab from the Home screen, then touch Sound Recorder.

Sound Recorder allows you to record voice/sound for seconds/hours.

10.3 Radio

Your phone is equipped with a radio (1). You can use the application as a traditional radio with saved channels or with parallel visual information related to the radio program on the display if you turn to stations that offer Visual Radio service.

To access this function, touch the Application tab from the Home screen, then touch Radio.

Please insert a headset to improve the FM Radio reception quality.

Touch to go to previous saved channel
Touch to decrease 0.1MHz
Touch and hold to search and go to the nearest lower frequency channel
Touch to add the current station to favourites
Touch to increase 0.1MHz
Touch to go to next saved channel
Touch to search for all available stations automatically
Touch to play/stop
Touch to open and view the saved channels list

The quality of the radio depends on the coverage of the radio station in that particular area.

(1) The quality of the radio depends on the coverage of the radio station in that particular area.
Available options:

- **Save channel**  
  Save the current tuned station to the channels list.

- **Audio mode**  
  Listen to the radio using loudspeaker or headset.

- **Delete**  
  Delete the channel.

- **Enter frequency**  
  Enter the frequency manually.

- **RDS settings**  
  Touch to select Channel information and Alternative frequency.

- **Record FM**  
  Record video voice of the current channel.

- **Exit**  
  Turn off the radio.

## 11 Settings

Drag down the Notification panel and touch then the Settings icon to access **Settings**.

### 11.1 Wireless & networks

#### 11.1.1 Wi-Fi

Using Wi-Fi you can now surf the Internet without using your SIM card whenever you are in range of a wireless network. The only thing you have to do is to enter the **Wi-Fi** screen and configure an access point to connect your phone to the wireless network.

For detailed instructions on using Wi-Fi, please refer to "6.1.2 Wi-Fi".

#### 11.1.2 Bluetooth

Bluetooth allows your phone to exchange data (videos, images, music, etc.) in a small range with another Bluetooth supported device (phone, computer, printer, headset, car kit, etc.).

For more information on Bluetooth, please refer to "6.3 Connecting to Bluetooth devices".

#### 11.1.3 Data usage

To enable/disable mobile data by touching the switch .

Mark the checkbox of **Set mobile data limit**, then you can drag the limit line and the warning line according to your limitation. Your mobile data connection will be disabled when the specified limit is reached. You can also choose a data usage cycle to view the statistics and related applications of used data by your phone.
Touch key, and you can view more settings related to your data usage.

Data usage is measured by your phone, and your carrier may count differently. Please consider using a conservative limit.

11.1.4 Airplane mode
Through More... > Airplane mode to simultaneously disable all wireless connections including Wi-Fi, Bluetooth and more.
You can also open Airplane mode by touching AIRPLANE MODE on Quick setting bar or in phone options when pressing Power key.

11.1.5 Default SMS app
Choose default app for SMS functions.

11.1.6 NFC
Mark the check box to allow data exchange when the device touches another device.

11.1.7 Android Beam
When NFC is enabled, it can transmit app content to another device.

11.1.8 VPN settings
A mobile virtual private network (mobile VPN or mVPN) provides mobile devices with access to network resources and software applications on their home network, when they connect via other wireless or wired networks. Mobile VPNs are used in environments where workers need to keep application sessions open at all times, throughout the working day, as the user connects via various wireless networks, encounters gaps in coverage, or suspend-and-resumes their devices to preserve battery life. A conventional VPN cannot survive such events because the network tunnel is disrupted, causing applications to disconnect, time out, fail, or even the computing device itself to crash.

For more information on VPN, please refer to "6.6 Connecting to virtual private networks".

11.1.9 Tethering & portable hotspot
This function allows you to share your phone’s mobile data connection via USB or as a portable Wi-Fi access point (Please refer to “6.5 Sharing your phone’s mobile data connection”).
11.1.10 Mobile networks

- **Data connection**
  Touch to turn on/off data connection.
- **Data roaming**
  Mark the check box to connect to data services when roaming.
- **Network mode**
  Touch to select network mode.
- **Access Point Names**
  You can select your preferred network with this menu.
- **Network operators**
  You can select a network operator.

11.1.11 USB Internet

Mark the checkbox to share Windows PC internet via USB cable.

1. Connect your phone to your PC with USB cable.
2. Select PC system version, then touch **Next**.
3. Finish connection as instructed, then touch **Done**.

11.2 Device

11.2.1 Sound

Use the Sound settings to configure ringtones for different events and environments.

**VOLUME**

- **Vibrate**
  Mark the check box to vibrate phone for incoming calls.
- **Silent mode**
  Mark the check box to silence all sounds except media & alarms.
- **Ringtone & notification**
  Slide to adjust volume of Ringtone, notifications and system.
- **Music, video, games and other media**
  Slide to adjust multimedia volume of music, video, games, etc.
- **Alarms**
  Slide to adjust Alarms ringtone volume.

**RINGTONE & NOTIFICATIONS**

- **Phone ringtone**
  Touch to select your default incoming call ringtone.
- **Crescendo ringing**
  Mark the check box to enable Crescendo ringing.
- **Notification sound**
  Touch to select your default notification ringtone.

**SYSTEM**

- **Dial pad touch tones**
  Mark the check box to enable playing tones when using dial pad.
- **Audible selection**
  Mark the check box to enable playing sound when making screen selection.
- **Screen lock sound**
  Mark the check box to enable sounds to play when locking and unlocking the screen.
- **Haptic feedback**
  Mark the check box to activate vibration when pressing soft keys and on certain UI interactions.
11.2.2 Display

- **Lock screen notifications**
  Mark the checkbox to show notifications on lock screen.

- **Wallpaper**
  Touch to set the wallpaper.

- **Orientation**
  Mark the checkbox to select whether rotate screen automatically or not.

- **Brightness**
  Touch to adjust the brightness of the screen.

- **Font size**
  Touch to set the font size.

- **Sleep**
  Touch to set screen timeout.

- **Screen saver**
  Touch to set the screen saver.

- **Screen share**
  Touch to activate screen share function.

- **Pulse notification light**
  Mark the check box to turn on pulse notification light.

11.2.3 Storage

Use these settings to monitor the total and available space on your phone and on your microSD card; to manage your microSD card.

If a warning message comes up saying that phone memory is limited, you are required to free up space by deleting some unwanted applications, downloaded files, etc.

11.2.4 Battery management

In battery screen you can view the battery usage data since you last connected the phone to a power source. The screen also shows your battery status and how long it has been used since last charging. Touch one category, then you can learn its specific power consumption.

You can adjust power use via the screen brightness or screen timeout in Display screen.

11.2.5 Applications

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

11.3 Personal

11.3.1 Location access

**Mode**

Choose mode for location access.

- **High accuracy**
  Use GPS, Wi-Fi and mobile networks to determine location.

- **Battery saving**
  Use Wi-Fi and mobile networks to determine location.

- **Device only**
  Mark the check box to use GPS to determine your location.

11.3.2 Security

**Set up screen lock**

- **None**
  Touch to disable screen unlock security.

- **Slide**
  Touch to enable slide unlock mode.

- **Face unlock**
  Touch to unlock your phone's screen by looking at it.

- **Voice Unlock**
  Touch to record voice to unlock screen.

- **Pattern**
  Touch to draw pattern to unlock screen.

- **PIN**
  Touch to enter a numeric PIN to unlock screen.

- **Password**
  Touch to enter a password to unlock screen.
Enable widgets
Mark the check box to enable widgets.

Owner info
Touch to input owner information which will display on the lock screen.

Encrypt phone
You can encrypt your accounts, settings, download apps and their data, media and other files by touching Encrypt phone.

Set up SIM card lock
Choose a SIM card you want to configure.
Mark the checkbox of Lock SIM card to lock the SIM card with PIN code.
Touch Change SIM PIN to change the PIN code.

Make passwords visible
Mark the checkbox to show passwords as you type.

Device administrators
Touch to view or deactivate device administrators.

Unknown sources
Mark the checkbox to permit installation of applications that you obtain from web sites, emails, or other locations other than Android Market.
To protect your phone and personal data, download applications only from trusted sources, such as Android Market.

Verify apps
Mark the checkbox to disallow or warn before installing apps which may cause harm.

Storage type
Touch to choose storage type for credentials.

Trusted credentials
Touch to display trusted CA certificates.

Install from SD card
Touch to install encrypted certificates from the microSD card.

Clear storage
Touch to remove all credentials.

11.3.3 Language & input
Use the Language & input settings to select the language for the text on your phone and for configuring the onscreen keyboard. You can also configure voice input settings and the pointer speed.

Language
Touch to select the language and the region you want.

Spell checker
Mark the checkbox to enable the system to show suggested words.

Personal dictionary
Touch to open a list of the words you’ve added to the dictionary. Touch a word to edit or delete it. Touch the add button (+) to add a word.

Default
Touch to select a default input method. Touch the Settings icon on the right of selected input method, a series of settings are available for your selection.
**Google keyboard**

The Google keyboard settings apply to the onscreen keyboard that is included with your phone. The correction and capitalisation features affect only the English version of the keyboard. Available options are as follows:

- **Input languages**
  Touch to set input language.

- **Auto-capitalisation**
  Mark the checkbox to have the onscreen keyboard automatically capitalise the first letter of the first word after a period, the first word in a text field, and each word in name fields.

- **Vibrate on keypress**
  Mark the checkbox to have the phone vibrate briefly each time you touch a key on the onscreen keyboard.

- **Sound on keypress**
  Mark the checkbox to play a brief sound each time you touch a key on the onscreen keyboard.

- **Popup on keypress**
  Mark the checkbox to popup the key that you touched.

- **Auto correction**
  Touch to turn on/off auto correction, or you can also adjust the sensitivity of correction.

- **Show correction suggestions**
  Touch to show or not the correction suggestions while typing.

- **Next word Suggestions**
  Mark the checkbox to popup word prediction.

- **Advanced settings**
  Touch to view more advanced settings for Google keyboard, such as Key popup dismiss delay, Suggest Contact names, etc.

**Voice search**

Touch to view settings about voice search, such as Language, Speech output, etc.

**Text-to-speech settings**

- **Prefered engine**
  Touch to choose a preferred text-to-speech engine, touch the Settings icon to show more choices for each engine.

- **Speech rate**
  Touch to open a dialog where you can select how quickly you want the synthesiser to speak.

- **Listen to an example**
  Touch to play a brief sample of the speech synthesiser, using your current settings.

**Default language status**

Touch to show status of default language.

**11.3.4 Backup and reset**

**Data backup**

This phone enables you to back up your phone’s settings and other app data to Google Servers, using your Google Account.

If you replace your phone, the settings and data you’ve backed up can be restored onto the new phone the first time you sign in with your Google Account.

To activate this function:

1. Touch on Quick setting bar to go to Settings.
2. Touch Backup and reset > Back up my data.
3. Mark the checkbox.
If you've turned on this function, a wide variety of settings and data are backed up, including your Wi-Fi passwords, bookmarks, a list of the apps you've installed, the words you've added to the dictionary used by the onscreen keyboard, and most of the settings that you configure with the Settings app. If you turn this option off, it will stop backing up your settings, and any existing backups are deleted from Google Servers.

**Factory data reset**

To activate a factory data reset:
1. Touch on Quick setting bar to go to Settings.
2. Touch Backup and reset > Factory data reset.
3. Touch Reset phone > Erase everything.

**Phone resetting will erase all of your personal data from internal phone storage, including information about your Google Account, any other accounts, your system and app settings, and any downloaded apps.** Resetting the phone does not erase any system updates you have downloaded. If you reset the phone in this way, you are prompted to re-enter the same kind of information as when you first started Android.

If you're unable to turn your phone on, there is another alternative to perform a factory data reset by pressing the Volume up key and the Power key at same time under power off mode until the screen lights up.

**11.5 System**

**11.5.1 Date & time**

Use Date & Time settings to customise your preferences for how date and time are displayed.

**Automatic date & time**

Touch to select Use network/GPS provided time or Off.

Mark the checkbox to use network provided time or use GPS provided time.

**Automatic time zone**

Mark the checkbox to use network-provided time zone. Or unmark to set all values manually.

**Set date**

Touch to open a dialog where you can manually set the phone's date.

**Set time**

Touch to open a dialog where you can manually set the phone's time.

**Select time zone**

Touch to open a dialog where you can set the phone's time zone.

**Use 24-hour format**

Mark the checkbox to display the time using 24-hour clock format.

**Select date format**

Touch to open a dialog where you can select the format for displaying dates.

**11.4 Accounts**

Use the settings to add, remove, and manage your Email and other supported accounts. You can also use these settings to control how and whether all applications send, receive, and synchronise data on their own schedules, and whether all applications can synchronise user data automatically.

**11.4.1 Add account**

Touch to add an account for selected app.
11.5.2 Schedule power on/off

Touch to preset the power on/off time and repeat mode.

11.5.3 Accessibility

You use the Accessibility settings to configure any accessibility plug-ins you have installed on your phone.

**TalkBack**

Touch to turn on/off TalkBack.

**Magnification gestures**

Touch to turn on/off to activate/deactivate zoom in/out function by triple-tapping the screen.

**Captions**

Touch to activate/deactivate captions for phone screen.

**Speak passwords**

Mark the checkbox to speak passwords while typing.

**Accessibility shortcut**

Touch to turn on/off to enable/disable accessibility features.

**Touch & hold delay**

Touch to adjust the duration of touch and hold delay. This function enables your phone to differ touch and touch & hold, which may avoid incorrect operations.

11.5.4 Regulatory & Safety

Touch to view Regulatory & Safety information, including Product model, Manufacturer name, etc.

11.5.5 About phone

This contains information about things ranging from Legal information, Model number, Firmware version, Baseband version, Kernel version, Build number to those listed below:

**System updates**

Touch to check for system updates.

**System updates (from microSD card)**

Touch to check for system updates (from microSD card).

**Status**

This contains the status of the Battery status, Battery level, My phone number, Network, Signal strength, etc.

**Legal information**

Touch to view legal information.
12  Update your phone’s software

Using the FOTA (Firmware Over The Air) Upgrade tool you can update your phone’s software.

To access System Updates, open the Notification panel and touch and then , then touch About phone > System updates. Or you can directly touch and access Settings > About phone > System updates. Touch Check for updates, and the phone will search for the latest software. If you want to update the system, please touch Download, and when that’s finished, touch Install to complete the upgrade. Now your phone will have the latest version of the software.

You should turn on data connection before searching for updates. Settings for auto-check intervals and reminders about upgrades are also available once you restart the phone.

If you have chosen auto-check, when the system discovers the new version, the icon  will appear in the status bar. Touch the notification to access the System Updates directly.

During FOTA downloading or updating, to avoid errors in locating the correct update packages, do not change your default storage location.

13  Product safety information

Pictograms and graphic symbols

- Read the Safety & warranty information guide
- Do not use while re-fuelling
- Do not use hand-held while driving
- This device may produce a bright or flashing light
- When using the phone, make sure it is kept at least 10 mm away from your head or body
- Do not dispose of in a fire
- Small parts may cause a choking hazard
- Avoid contact with magnetic media
- This device may produce a loud sound
- Avoid extreme temperatures
- Keep away from pacemakers and other personal medical devices
- Avoid contact with liquid, keep dry
- Switch off when instructed in hospitals and medical facilities
- Do not try to disassemble
- Switch off when instructed in aircraft and airports
- Do not rely on this device for emergency communications
- Switch off in explosive environments
- Only use approved accessories
Product safety information

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 ensure the protection of all persons, regardless of age and health.

The guidelines use a unit of measurement known as the 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 0.311 W/kg and when tested near the body (at a distance of 10 mm) the highest SAR value was 0.644 W/kg. As mobile devices offer a range of functions, they can be used in other positions, such as on the body as described in this user guide.

As SAR is measured 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.

Body worn operation

Important safety information regarding radiofrequency radiation (RF) exposure.
To ensure compliance with RF exposure guidelines the phone must be used with a minimum of 10 mm separation from the body.
Failure to observe these instructions could result in your RF exposure exceeding the relevant guideline limits.

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

(1) The tests are carried out in accordance with IEC standard PT62209-1.
Regulatory information

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

Distraction

Driving

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

Operating machinery

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

Product handling

General statement on handling and use

You alone are responsible for how you use your phone and any consequences of its use. You must always switch off your phone wherever the use of a phone is prohibited. Use of your phone is subject to safety measures designed to protect users and their environment.

- Always treat your phone and its accessories with care and keep it in a clean and dust-free place.
- Do not expose your phone or its accessories to open flames or lit tobacco products.
- Do not expose your phone or its accessories to liquid, moisture or high humidity.
- Do not drop, throw or try to bend your phone or its accessories.
- Do not use harsh chemicals, cleaning solvents, or aerosols to clean the device or its accessories.
- Do not paint your phone or its accessories.
- Do not attempt to disassemble your phone or its accessories, only authorised personnel must do so.
- Do not expose your phone or its accessories to extreme temperatures, minimum -10 and maximum +50 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 which could 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 prolonged time.

**Electrostatic discharge (ESD)**
Do not touch the SIM card’s metal connectors.

**Antenna**
Do not touch the antenna unnecessarily.

**Normal use position**
When placing or receiving a phone call, hold your phone to your ear, with the bottom towards your mouth or as you would a fixed line phone.

**Air bags**
Do not place a phone in the area over an air bag or in the air bag deployment area.
Store the phone safely before driving your vehicle.

**Seizures/Blackouts**
This phone is capable of producing bright flashing lights.

**Repetitive motion injuries**
To minimise the risk of RSI, when texting or playing games with your phone:
• Do not grip the phone too tightly.
• Press the buttons lightly.
• Make use of the special features in the handset which minimise the number of buttons which have to be pressed, 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. Prolonged exposure to music at full volume on the music player may damage the listener’s hearing. Use the recommended headphones only.

**PROTECT YOUR HEARING**
To prevent possible hearing damage, do not listen at high volume levels for long periods. Exercise caution when holding your device near your ear while the loudspeaker is in use.

**Bright light**
This phone is capable of producing flash of light or use as a torch, do not use it too close to the eyes.

**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 the battery terminals.

**Connection to a car**
Seek professional advice when connecting a phone interface to the vehicle’s electrical system.

**Faulty and damaged products**
Do not attempt to disassemble the phone or its accessories.
Only qualified personnel must service or repair the phone or its accessories.
If your phone or its accessories have been submerged in water, punctured, or subjected to a severe fall, do not use them until you have taken it to be checked at an authorised service centre.
Battery handling & safety
Always switch the device off and disconnect the charger before removing the battery.
Only use the battery and charger supplied, or manufacturer approved replacements intended for use with your phone. Using other batteries and chargers could be dangerous.
Do not disassemble or short-circuit the battery. Accidental short-circuiting can occur if a metallic object such as a key, paper clip, or pen touches the terminals of the battery.
Improper battery use may result in a fire, explosion, or other hazard. If you believe the battery has been damaged, do not use it, take it to a service centre for testing.

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 interference 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.

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 handsfree 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
Turn off your mobile phone or wireless device when in a blasting area or in areas posted with notifications requesting "two-way radios" or "electronic devices" are turned off to avoid interfering with blasting operations.

Protection against theft (1)
Your telephone is identified by an IMEI (phone serial number) shown on the packaging label and in the product's memory. We recommend that you note the number the first time you use your telephone by entering * # 0 6 # and keep it in a safe place. It may be requested by the police or your operator if your telephone is stolen. This number allows your mobile telephone to be blocked preventing a third person from using it, even with a different SIM card.

(1) Contact your network operator for service availability.
Battery
Please note your phone is a unibody device, the battery is not removable. Observe the following precautions:
- Do not attempt to eject, replace and open battery.
- Do not burn or dispose of your phone in household rubbish or store it at temperature above 60°C.
Phone and battery as a unibody device must be disposed of in accordance with locally applicable environmental regulations.
This symbol on your telephone, the battery and the accessories means that these products must be taken to collection points at the end of their life:
- Municipal waste disposal centres with specific bins for these items of equipment.
- Collection bins at points of sale.
They will then be recycled, preventing substances being disposed of in the environment, so that their components can be reused.
In European Union countries:
These collection points are accessible free of charge.
All products with this sign must be brought to these collection points.
In non European Union jurisdictions:
Items of equipment with this symbol are not to be thrown into ordinary bins if your jurisdiction or your region has suitable recycling and collection facilities; instead they are to be taken to collection points for them to be recycled.
CAUTION: RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

Notice
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Vodafone 985N Bluetooth Declaration ID D022955

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We will provide you with a complete copy of the corresponding source codes upon request within a period of three years from the distribution of the product.

You may download the source codes from http://www.vodafone.com/devices/smart4power. The provision of the source code is free of charge from the internet.

Your telephone is a transceiver that operates on GSM in quad-band with 850/900/1800/1900 MHz, UMTS in dual-band with 900/2100 MHz or LTE in penta-band with B1/B3/B7/B8/B20.

CE 1588

This equipment is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. The entire copy of the Declaration of Conformity for your telephone can be obtained through our website: http://www.vodafone.com/devices/smart4power.

Notice

The information in this manual is subject to change without notice. Every effort has been made in the preparation of this manual to ensure accuracy of the contents, but all statements, information, and recommendations in this manual do not constitute a warranty of any kind, expressed or implied. Read the safety precautions and safety information carefully to ensure that you use this wireless device in a correct and safe manner.

TCT Mobile Limited Address:

Room 1910-12A, Tower 3, China HK City, 33 Canton Road, Tsimshatsui, Kowloon, Hong Kong

(1) This may not be available depending on your country.
14 Telephone warranty

WARRANTY TERMS AND CONDITIONS

1. Vodafone undertakes the warranty of this Mobile Phone for a period of two (2) years from the date of purchase by the original owner (not transferable) under normal use.

2. The Battery has a limited warranty for twelve (12) months, and Charger for twenty-four (24) months against manufacturing defects. Other accessories have a limited warranty for twenty-four (24) months against manufacturing defects.

3. This Warranty does not cover damage resulting from:
   a) Normal wear & tear of the equipment;
   b) Defects and damages due to the equipment being used other than its normal and customary manner;
   c) An unauthorised disassembly, repair, alteration or modification being carried out;
   d) Misuse, abuse, negligence or accident howsoever caused;
   e) Defects or damage arising from improper testing, operation, maintenance, installation, or any alteration or modification;
   f) Defects or damage due to spillage of food or liquids, corrosion, rust or the use of wrong voltage;
   g) Scratches or damage to plastic surfaces and all other externally exposed parts that are due to normal customer use;

4. The phone needing service/repair must be delivered at the user's cost.

5. This warranty will be null and void in any of the following events:
   a) If the serial number or warranty seal on the equipment has been defaced or removed.
   b) If any term contained in this warranty has been altered or modified in any way without prior written consent of Vodafone.

6. The limited warranty extends only to customer who purchase the product in one of the countries (or areas) set forth at the end of this document. The limited warranty is only valid in Vodafone’s intended country (or area) of sale of the Product.

7. If the product is returned to Vodafone after the expiration of the warranty period, Vodafone’s normal service policies shall apply and the Consumer will be charged accordingly.
   a) Vodafone neither assumes for it any other obligation or liability beyond that which is expressly provided for in this limited warranty.
   b) All warranty information, product features and specifications are subject to change without notice.

8. THIS WARRANTY IS IN LIEU OF ANY AND OTHER WARRANTIES EXPRESSED OR IMPLIED, SPECIFICALLY INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. VODAFONE ASSUMES NO LIABILITY FOR THE BREACH OF THE WARRANTY BEYOND CORRECTING THE BREACH IN THE MANNER DESCRIBED ABOVE. IN NO EVENT SHALL VODAFONE BE LIABLE FOR CONSEQUENCES.
### 15 Accessories

The latest generation of Vodafone GSM mobile phones offers a built-in handsfree feature that allows you to use the telephone from a distance, placed on a table for example. For those who prefer to keep their conversations confidential, an earpiece is also available known as the headset.

1. Charger
2. USB cable
3. Stereo headset

![Battery symbol] Only use your telephone with the batteries, chargers and accessories in your box.

### 16 Specifications

<table>
<thead>
<tr>
<th><strong>Processor</strong></th>
<th>MT6582M+6290 (1.3 GHz Quad Core)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Platform</strong></td>
<td>Android™ 4.4</td>
</tr>
<tr>
<td><strong>Memory</strong></td>
<td>4GB emmc + 1GB DDR2 RAM</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td>141 x 71.4 x 9.5 mm</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>Around 169 grams with battery</td>
</tr>
<tr>
<td><strong>Display</strong></td>
<td>5.0-inch TFT-LED touchscreen with 960 x 540 WVGA Capacity resolution</td>
</tr>
<tr>
<td><strong>Network</strong></td>
<td>GSM: Quad-band 850/900/1800/1900 MHz</td>
</tr>
<tr>
<td></td>
<td>UMTS: Dual-band 900/2100 MHz</td>
</tr>
<tr>
<td></td>
<td>LTE: Penta-band B1/B3/B7/B8/B20</td>
</tr>
<tr>
<td></td>
<td>(Band frequency and data speed are operator dependent.)</td>
</tr>
<tr>
<td><strong>GPS</strong></td>
<td>Assisted GPS/Internal GPS antenna</td>
</tr>
<tr>
<td><strong>Connectivity</strong></td>
<td>Bluetooth V4.0</td>
</tr>
<tr>
<td></td>
<td>Wi-Fi IEEE 802.11 b/g/n</td>
</tr>
<tr>
<td></td>
<td>3.5 mm audio jack</td>
</tr>
<tr>
<td></td>
<td>Micro-USB</td>
</tr>
<tr>
<td><strong>Camera</strong></td>
<td>5 megapixel back camera</td>
</tr>
<tr>
<td></td>
<td>VGA front camera</td>
</tr>
<tr>
<td><strong>Audio supported formats</strong></td>
<td>MP3, MP2, AMR, MIDI, Vorbis, APE, AAC, AAC+, FLAC</td>
</tr>
<tr>
<td>Video supported formats</td>
<td>H.264, H.263, MPEG-4, XVID, VP8, VC-1</td>
</tr>
<tr>
<td>-------------------------</td>
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</tr>
<tr>
<td>Battery</td>
<td>Rechargeable Lithium battery</td>
</tr>
<tr>
<td></td>
<td>Capacity: 3000 mAh</td>
</tr>
<tr>
<td>Expansion Slot</td>
<td>microSD™ memory card (Maximum 32GB)</td>
</tr>
<tr>
<td>Special Features</td>
<td>G-sensor</td>
</tr>
<tr>
<td></td>
<td>Proximity Sensor</td>
</tr>
<tr>
<td></td>
<td>Light sensor</td>
</tr>
</tbody>
</table>

**Note:** Specifications are subject to change without prior notice.