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English - CJA27J4VDA
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1 Your phone

1.1 Keys and connectors

- **Power key**
- **Headset connector**
- **Micro-USB connector**
- **Back key**
- **Home key**
- **Menu key**
- **Volume up**
- **Volume down**
- **Camera**
- **Touch screen**
- **LED light**

**Menu key**
- Touch: display menu options. On the Home screen, touch to access **Wallpapers, 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.
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 mode, and icons for ringing modes.
- 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

Inserting or removing the SIM card
You must insert your SIM card to make phone calls. Please power off your phone before inserting or removing the SIM card.

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 mini-SIM cards. Do not attempt to insert other SIM card types, like micro-SIMs or nano-SIMs, otherwise this may cause damage to your phone.

Installing or removing the battery
Please power off your phone before removing the battery.

• Insert the battery and click it into place, then close the cover.
• Unclip the cover, then remove the battery.

Removing or installing the back cover
Installing the microSD card

First remove the battery. Slide the microSD holder to the left to unlock it, then lift it up. Place the microSD card in the space provided, with the gold contacts facing down. Then fold the microSD holder down and slide it to the right until it locks.

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, 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 be displayed.

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 Start.
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 user name and password. If you forget your password, you can go to http://www.google.com/ to retrieve it. If you don’t own a Google Account, you are prompted to create one by touching New.
4 Touch Next to go to Date & Time, to set your date and time zone (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 the right 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).
### Status icons

<table>
<thead>
<tr>
<th>Icon</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>G</td>
<td>GPRS connected</td>
</tr>
<tr>
<td>G</td>
<td>GPRS in use</td>
</tr>
<tr>
<td>E</td>
<td>EDGE connected</td>
</tr>
<tr>
<td>E</td>
<td>EDGE in use</td>
</tr>
<tr>
<td>3G</td>
<td>3G connected</td>
</tr>
<tr>
<td>3G</td>
<td>3G in use</td>
</tr>
<tr>
<td>H</td>
<td>HSPA (3G+) connected</td>
</tr>
<tr>
<td>H</td>
<td>HSPA (3G+) in use</td>
</tr>
<tr>
<td>H+</td>
<td>HSPAP (3G+) connected</td>
</tr>
<tr>
<td>H+</td>
<td>HSPAP (3G+) in use</td>
</tr>
<tr>
<td>Wifi</td>
<td>Connected to a Wi-Fi network</td>
</tr>
<tr>
<td>Bluetooth</td>
<td>Bluetooth is on</td>
</tr>
<tr>
<td>Headset</td>
<td>Headset connected</td>
</tr>
<tr>
<td>No signal</td>
<td>No signal</td>
</tr>
<tr>
<td>Signal strength</td>
<td>Signal strength</td>
</tr>
</tbody>
</table>

### Notification icons

<table>
<thead>
<tr>
<th>Icon</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>💌</td>
<td>New Gmail™ message</td>
</tr>
<tr>
<td>📞</td>
<td>Call in progress</td>
</tr>
<tr>
<td>📭</td>
<td>New text or multimedia message</td>
</tr>
<tr>
<td>📞</td>
<td>Missed call</td>
</tr>
<tr>
<td>📧</td>
<td>Problem with SMS or MMS delivery</td>
</tr>
<tr>
<td>📞</td>
<td>Call on hold</td>
</tr>
<tr>
<td>📧</td>
<td>New Hangouts message</td>
</tr>
<tr>
<td>📞</td>
<td>Call forwarding is on</td>
</tr>
<tr>
<td>📧</td>
<td>New voicemail</td>
</tr>
<tr>
<td>📦</td>
<td>Uploading data</td>
</tr>
<tr>
<td>📦</td>
<td>Downloading data</td>
</tr>
<tr>
<td>⌚</td>
<td>Data is synchronising</td>
</tr>
<tr>
<td>⌚</td>
<td>Download finished</td>
</tr>
<tr>
<td>🌟</td>
<td>No microSD card installed</td>
</tr>
<tr>
<td>🤔</td>
<td>An open Wi-Fi network is available</td>
</tr>
<tr>
<td>🎵</td>
<td>Song is playing</td>
</tr>
<tr>
<td>🎵</td>
<td>Phone is connected via USB cable</td>
</tr>
<tr>
<td>📸</td>
<td>Screenshot error</td>
</tr>
<tr>
<td>📸</td>
<td>Radio is on</td>
</tr>
<tr>
<td>🌐</td>
<td>USB tethering is on</td>
</tr>
<tr>
<td>🌐</td>
<td>System update available</td>
</tr>
<tr>
<td>🌐</td>
<td>Connected to VPN</td>
</tr>
<tr>
<td>📸</td>
<td>Screenshot captured</td>
</tr>
<tr>
<td>🌐</td>
<td>International Roaming is enabled</td>
</tr>
<tr>
<td>🚲</td>
<td>Carrier data use threshold approaching or exceeded</td>
</tr>
</tbody>
</table>
Notification panel

Touch and drag down the Status bar to open the Notification panel. Touch and drag up to close it. 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 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.

Quick setting bar

• Touch icons to enable/disable functions or to change modes
• Touch & hold to show the 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 dialogue 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 > Screen lock.

To create a screen unlock pattern (Follow onscreen instructions)

- Drag down the Notification panel and touch and then the Settings icon to access Settings, then touch Security > Screen lock > Pattern.
- Draw your own pattern.

To create a screen unlock PIN/Password

- Touch Settings > Security > 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 or Menu key, then touch and hold the app or widget to activate the Move mode, and drag the item to any Home screen.

Move 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 Favourite tray. Hold the icon on the left or right edge of the screen to drag the item to another Home screen.

Remove an app or widget

Touch and hold the item to be removed to activate the Move mode, drag the item up to the top of the 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 Application tab
Touch 📱 from the Home screen to show a list of all your apps.
To return to the Home screen, touch the Home key.

1.3.7 Volume adjustment
You can set the ringer, media and phone ringtone volume
by pressing the Volume up/down key or go to Settings > Sound.

1.4 Widgets list
The list contains all pre-installed and newly installed widgets.
To open the list, touch the Menu key and then Widgets. To
return to the Home screen, touch the Home key or the Back key.
Touch the icon 🎉 to access the Play Store.

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 > Auto rotate screen).

2.1.1 Google Keyboard
 Touch to enter text or numbers
 Touch to select suggested word
 Touch to switch between "abc/Abc" modes; touch & hold to switch between "abc/ABC" modes
 Touch & hold to show input options
 Touch to switch between the symbol and numeric keyboards

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 end points 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 & Contacts

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 Contacts or History by sliding or touching tabs, then touch to place the call.

The number you entered can be saved to Contacts 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 Call.

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

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 or turn the phone face down if Turn over to mute is active (to turn this on, go to Settings > Gestures > Turn over to mute).

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.

Touch to hold the current call. Touch this icon again to retrieve the call.

Touch to display Dialpad.

Touch to end the current call.

Touch to mute the current call. Touch this icon again to unmute the call.

Touch to activate the speaker during the current call. Touch this icon again to deactivate the speaker.

Touch and select Start recording to record.

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.
- Enter the phone number of the person you want to add to conference and touch . You can also add participants from People or History.
- Touch icon to start a conference call.
- During a conference call, touch to drop a participant or to talk privately to one of the participants. Touch to drop the participant from the conference, touch to talk privately to the participant and hold on other participants.
- Touch to end the conference call and disconnect all callers.

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

Touch the Settings key and select Settings from Dial screen, the following options are available:

Voice call

• Voicemail Service
  Opens a dialogue 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 dialogue 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.

• Call barring
  You can activate or deactivate the call barring for outgoing and incoming calls. The various options are:
  
  All outgoing calls
  All outgoing calls are barred.
  
  International outgoing calls
  Outgoing international calls are barred.
  
  International except home
  Outgoing international calls except those to your country of subscription are barred.
  
  All incoming calls
  All incoming calls are barred.
  
  Incoming calls in roaming
  Incoming calls are barred when you are abroad.
  
  Cancel all
  Deactivate all call barring.
  
  Change barring password
  Change the original barring password for activating call barring.

• Additional settings
  
  Caller ID
  Opens a dialogue 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.
Other settings

• 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.

• Turn over to mute
Mark the check box to enable mute incoming call by turning phone over.

• 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.

• International dialing assist
Mark the checkbox to activate.

• Hearing aids
Mark the checkbox to turn on hearing aid compatibility.

3.2 View your call history
You can view your call history by touching ☑ from the Dial 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 your contact groups
Touch to search in Contacts
Touch to add a new contact

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.

Touch to take a photo or select a picture for the contact
Touch to add a new label
Touch to save
Touch to open other available labels

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.
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 ✓ to select all contacts, touch ✓ again to deselect.

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(s), 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(s), 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 Contacts 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 ☐ key and then 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.

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 Enter 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 email 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 Enter 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.

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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 is only available for SMS. Touch to copy current message content and paste it to Enter message bar of the new message you are going to compose.

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

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

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

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

- **Select text**
  Touch to select text to Enter 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.

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.
- **Validity period**  Touch to select SMS validity period.
- **SMS storage location**  Touch to select phone or SIM card to store messages.
- **Alphabet management**  Touch to manage alphabet.

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.
- **Mute**  Select to make phone mute as a notification when receiving a new message.
- **Select ringtone**  Touch to select a ringtone as a new message notification tone.
- **Popup notification**  Select to show popup for push notifications.
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 the checkbox to enable to receive 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**.

**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 the account of inbox 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 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 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 account setup.

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.
Important options by touching key from Calendar main screen:

- **Refresh**
  To refresh the calendar.

- **Search**
  To search in the calendar.

- **Calendars to display**
  To show or hide the synchronised calendars.

- **Clear events**
  To clear events in the calendar.

- **Go to**
  Select to go to specific date.

- **Settings**
  To set a series of Calendar settings.

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 to delete the selected alarm.

5.2.2 To adjust alarm settings

Touch 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.

- **Turn over to activate**
  Touch to choose Snooze or Stop as turn over behaviour.

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 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

The first time you turn on your phone with the SIM card inserted, it will automatically configure a mobile network service: GPRS, EDGE or 3G. If the network is not connected, you can turn on Mobile data on Settings > Data usage.

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 GPRS/EDGE/3G network connection can be added to your phone with the following steps:

1. Touch on Quick setting bar to get to Settings.
2. Touch More... > Mobile networks > Access Point Names.
3. Then touch key and select New APN.
4. Enter the required APN information.
5. When finished, touch key and Save.
To activate/deactivate Data roaming
When roaming, you can decide to connect/disconnect to a data service.
1. Touch 📱 on 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 the phone even without a SIM card inserted.

To turn Wi-Fi on and connect to a wireless network
1. Touch 📱 on the Quick setting bar to go 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 Go to confirm.

To set homepage

1 Touch key from Browser screen to display option menu, touch Settings > General > Set homepage.
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 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 first word with matching characters will be highlighted on the screen, and subsequent matches will be boxed.
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.

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.
- **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.

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 a 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:
• Edit bookmark To edit the bookmark.
• Add shortcut to Home To add a bookmark shortcut to the Home screen.
• Share link To share the bookmark.
• Copy link URL To copy the bookmark link.
• Delete bookmark To delete the bookmark link.
• 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 recognisable, 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 dialogue 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 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.

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 the checkbox of USB tethering or turn on Wi-Fi hotspot to activate this function.

Sharing data may incur additional charges from your network operator. Extra fees may also be charged in roaming areas.
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 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. Drag down the Notification panel and touch then the Settings icon to access Settings.
2 Touch More… > Tethering & portable 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 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.
3. VPNs you have added are listed; touch the VPN you want to connect with.
4. In the dialogue 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.
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 dialogue 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 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 the top left corner, then touch HELP to enter Google Play Shop help page for more information on this function.

(1) Depending on your country and operator.
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
- 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. Touch , to save the video.

Further operations when viewing a picture/video you have taken

- Touch the icon of Gmail, Bluetooth, Messaging, etc to share the photo or video you have taken.
- Slide right 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.

Camera settings

- HDR Touch to switch to HDR mode.
- Panorama Touch to switch to Panorama mode.
- Night Touch to switch to Night mode.
- Filter Touch to switch to Filter mode.
- Full screen Touch to turn on/off the full screen view.
- Shutter sound Touch to turn on/off shutter sound.
- Restore defaults Touch to restore camera settings to default.
- Advanced Touch to show series of advanced options: Location Tag, picture size, timer, exposure, etc.
- Location Tag Touch to turn on/off Location Tag.
- Picture size Touch to select picture size.
- Timer Touch to select pause duration before capturing pictures.
- Exposure Touch to adjust the value of exposure.
Camcorder settings

• **Video quality**  
  Touch to set Video quality as **Superfine**, **Fine** or **Normal**.

• **Sound recording**  
  Touch to turn on/off sound recording.

### 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**.

To view a picture/play a video

Pictures and videos are displayed by albums in **Gallery**.

- Touch to return to gallery's main screen
- Slide left or right to view more pictures

- 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. Touch icon ⦵ to share the picture, touch icon above and confirm **OK** to delete the picture.
Touch to edit a picture.

Touch from full-screen picture view to edit a picture.

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 the top left corner to get to SETTINGS.

GENERAL

Google Account Touch to choose account.
My devices Touch to access your music from up to 10 devices.
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:

Play next Touch to play the song you choose next.
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
To activate your phone's positioning using Wi-Fi or mobile data connection network:
1 Touch on Quick setting bar to go to Settings.
2 Touch Location.
3 Touch the switch beside Location to turn on.
Touch the Application tab from the Home screen, then touch Maps.
Touch icon on the map to view My Location.
The map will then centre on a blue dot. Your actual position at the blue dot.

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, 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.

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.
9.4 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 motorways, Avoid tolls or Avoid ferries.
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.

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.
- **Station info**
  Mark the checkbox to get the station information.
- **Exit**
  Turn off the radio.

\(^{(1)}\) The quality of the radio depends on the coverage of the radio station in that particular area.
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 VPN
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".
11.1.6 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").

11.1.7 Mobile networks
• Data connection
  Touch to turn on/off data connection.
• Data roaming
  Mark the check box to connect to data services when roaming.
• Preferred networks
  Touch to view/edit/delete preferences.
• 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.

11.1.8 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 Gestures
Mark the checkbox or touch to enable the following gestures: Turn over to mute, Turn over to activate.

11.2.2 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 & notifications
  Slide to adjust volume of Ringtone and notifications.
• 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.
• Ascending ring
  Mark the check box to enable Ascending ring.
• 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.
- **Touch sounds**  
  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.
- **Vibrate on touch**  
  Mark the check box to activate vibration when pressing soft keys and on certain UI interactions.

### 11.2.3 Display

- **Lock screen notifications**  
  Mark the checkbox to show notifications on lock screen.
- **Wallpaper**  
  Touch to set the wallpaper.
- **Brightness**  
  Touch to adjust the brightness of the screen.
- **Auto rotate screen**  
  Mark the checkbox to select whether rotate screen automatically or not.
- **Sleep**  
  Touch to set screen timeout.
- **Daydream**  
  Touch to select from Clock, Colours, Photo Frame and Photo Table.
- **Font size**  
  Touch to set the font size.
- **Pulse notification light**  
  Mark the checkbox to show pulse notification light.

### 11.2.4 Status bar notifications

Touch the switch to open all notifications of 3rd-party applications to be shown on the top left of the status bar.

You can also touch some apps icons to deactivate their notifications in status bar.

### 11.2.5 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.

### 11.2.6 Battery

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.

### 11.2.7 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

Use your wireless network to pinpoint your location within an accuracy as close as several meters (“street level”).
11.3.2 Security

Set up screen lock

• None  Touch to disable screen unlock security.
• Slide  Touch to enable slide unlock mode.
• Voice Unlock
  • 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.

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 display the storage type.

Trusted credentials
Touch to display trusted CA certificates.

Install from phone storage
Touch to install encrypted certificates from the phone storage.

Clear credentials
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.

• Voice input key
  Mark the checkbox to enable voice input.

• Personal dictionary
  Touch to use personal dictionary.

• Add-on dictionaries
  Touch to Install or Delete the language dictionaries.

• Block offensive words
  Mark the checkbox to block the offensive words.

• 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.

• Personalised suggestions
  Mark the checkbox to popup word prediction.

• Enable gesture typing
  Mark the checkbox to enable input a word by sliding through the letters.

• Dynamic floating preview
  Mark the checkbox to see the suggested word while gesturing.

• Show gesture trail
  Mark the checkbox to show gesture trail.

• Phrase gesture
  Mark the checkbox to enable input spaces during gestures by sliding to the space key.

• Next-word suggestions
  Mark the checkbox to use the previous word when making suggestions.

• 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 output

• Preferred 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 dialogue 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.

**Pointer speed**
Touch to open a dialogue where you can change the pointer speed, touch **OK** to confirm.

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**.

Reset phone 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.
11.4 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 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 provided time or Off.
Mark the checkbox to use network 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 dialogue where you can manually set the phone’s date.

Set time
Touch to open a dialogue where you can manually set the phone’s time.

Select time zone
Touch to open a dialogue 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.

Choose date format
Touch to open a dialogue where you can select the format for displaying dates.

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.

Captions
Touch to turn on/off Captions.

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

Large text
Mark the checkbox to enlarge the screen text.

Power button ends call
Mark the checkbox to end a call by pressing Power key during the call.

Auto rotate screen
Mark the checkbox to rotate screen automatically.
Speak passwords
Mark the checkbox to speak passwords while typing.

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

Text-to-speech output
Touch to open Text-to speech output options.

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.

Quick boot
Mark the checkbox to enable quick boot.

11.5.4 Developer options
To access this function, touch Settings > About phone, then touch Build number 7 times. Now Developer options is available.

The Development screen contains settings that are useful for developing Android applications. For full information, including documentation of the Android applications and development tools, see the Android developer web site (http://developer.android.com).

Take bug report
Touch to select to collect information about your current device state and send as an email message.

Desktop backup password
Touch to set/change/remove desktop full backup password.

Stay awake
Mark the checkbox to prevent the screen from dimming and locking when the phone is connected to a charger or to a USB device that provides power. Don’t use this setting with a static image on the phone for long periods of time, or the screen may be marked with that image.

Select runtime
Touch to choose Use Dalvik or Use ART.

Enable Bluetooth HCI snoop log
Mark the checkbox to capture all bluetooth HCI packets in a file.

Process status
Touch to display the status about running processes.

USB debugging
Mark the checkbox to permit debugging tools on a computer to communicate with your phone via a USB connection.

Revoke USB debugging authorizations
Touch to revoke access to USB debugging from all computers you've previously authorized.

Power menu bug report
Mark the checkbox to select to include option in power menu for submitting a bug report.

Allow mock locations
Mark the checkbox to permit a development tool on a computer to control where the phone believes it is located, rather than using the phone's own internal tools for this purpose.

Select debug app
Touch to select debug app.

Wait for debugger
Mark the checkbox to wait for debugger to attach before executing.
Verify apps over USB
Mark the checkbox to check apps over USB.

Wireless Display certification
Mark the checkbox to show options for Wireless Display certification.

Show touches
Mark the checkbox to show visual feedback for touches.

Pointer location
Mark the checkbox to show current touch data.

Show screen updates
Mark the checkbox to show screen updates.

Show layout bounds
Mark the checkbox to show clip bounds, margins, etc.

Force RTL layout direction
Mark the checkbox to force screen layout direction to RTL for all locales.

Window animation scale
Touch to adjust the animation scale for your window.

Transition animation scale
Touch to adjust the animation scale while performing transition.

Animator duration scale
Touch to adjust the animator duration scale.

Simulate secondary displays
Touch to adjust the Simulate secondary displays.

Force GPU rendering
Mark the checkbox to use 2D hardware acceleration in applications.

Show hardware layers updates
Mark the checkbox to show hardware layers updates.

Debug GPU overdraw
Mark the checkbox to show GPU overdraw.

Debug non-rectangular clip operations
Mark the checkbox to show non-rectangular clip operations.

Force 4x MSAA
Mark the checkbox to enable 4x MSAA.

Disable HW overlays
Mark the checkbox to select to always use GPU for screen compositing.

Strict mode enabled
Mark the checkbox to enable strict mode. After enabled, the screen will flash when applications do long operations on the main thread.

Show CPU usage
Mark the checkbox to show current CPU usage.

Profile GPU rendering
Mark the checkbox to use 2D hardware acceleration in applications.

Enable OpenGL traces
Touch to adjust OpenGL traces.

Don’t keep activities
Mark the checkbox to remove all activities as soon as you leave.

Background process limit
Touch to change the limit for background processes.

Show all ANRs
Mark the checkbox to show "Application Not Responding" dialogue for background applications.
11.5.5 Regulatory & Safety
Touch to view Regulatory & Safety information, including Product model, Manufacturer name, etc.

11.5.6 About phone
This contains information about things ranging from Legal information, Model number, Android version, Baseband version, Kernel version, Build number, Custom build version to those listed below:

System updates
Touch to check for system updates.

System updates (storage)
Touch to check for system updates (storage).

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 Information section of this user guide on page 102
- 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 0.932 W/kg (1). 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. "The highest SAR value for this mobile phone when tested for use at the body and compliance against the standard is 1.01 W/kg. While there may be differences between the SAR levels on various phones and at various positions, they all meet the relevant International guidelines and EU requirements for RF (radio-waves) exposure".

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

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 flashes of light, 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.
Your telephone is a transceiver that operates on GSM in dual-band (900/1800 MHZ) or UMTS in dual-band (900/2100 MHz).

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.

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.

(1) Contact your network operator for service availability.
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. Battery
3. Rock headset

Only use your telephone with the batteries, chargers and accessories in your box.

16 Specifications

<table>
<thead>
<tr>
<th>Processor</th>
<th>MT6572M</th>
</tr>
</thead>
<tbody>
<tr>
<td>Platform</td>
<td>Android™ 4.4</td>
</tr>
<tr>
<td>Memory</td>
<td>ROM: 4 GB</td>
</tr>
<tr>
<td></td>
<td>RAM: 512 MB</td>
</tr>
<tr>
<td>Dimensions</td>
<td>112.2 x 62 x 11.95 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>Around 100 grams with battery</td>
</tr>
<tr>
<td>Display</td>
<td>3.5-inch TFT-LED touchscreen with 480 x 320 HVGA Capacity resolution</td>
</tr>
<tr>
<td>Network</td>
<td>GSM:</td>
</tr>
<tr>
<td></td>
<td>Dual band 900/1800 MHz</td>
</tr>
<tr>
<td></td>
<td>UMTS:</td>
</tr>
<tr>
<td></td>
<td>Dual band 900/2100 MHz</td>
</tr>
<tr>
<td>(Band frequency and data speed are operator dependent.)</td>
<td></td>
</tr>
<tr>
<td>Connectivity</td>
<td>Bluetooth V4.0/A2DP, AVRCP, OPP, PAN, PBAP, SPP</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>Camera</td>
<td>2.0 megapixel embedded camera</td>
</tr>
<tr>
<td>Audio supported formats</td>
<td>AMR-NB, AMR-WB, AAC, MP3, MIDI, Vorbis, APE, FLAC, G711, RAW</td>
</tr>
<tr>
<td>Video supported formats</td>
<td>H.263, MPEG4, H.264, AVC, VP80, DIVX, MJPEG</td>
</tr>
</tbody>
</table>
**Battery**

<table>
<thead>
<tr>
<th>Battery</th>
<th>Rechargeable Lithium battery</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Capacity: 1400 mAh</td>
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</table>

**Expansion Slot**

<table>
<thead>
<tr>
<th>Expansion Slot</th>
<th>microSD™ memory card</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>(Availability of microSD card depends on market)</td>
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</table>

**Special Features**

<table>
<thead>
<tr>
<th>Special Features</th>
<th>G-sensor</th>
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</table>

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

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(1) The original battery has undergone rigorous safety inspections to meet qualification standards, the use of non-original batteries may be dangerous.