

# ZTE BLADE A520

## User Guide

Visit our Australian website for all your device related information, support and accessories :  
<http://www.ztemobiles.com.au/>

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## Third-party Applications Statement

During the installation process of some third-party applications, issues of repeated restart or abnormal operation of software might be caused by incompatibility of the third-party applications rather than the phone.

Installation of a third-party ROM or non-official operating system (commonly called 'rooting' your device) might bring unwanted security risks and may make your device inoperable. ZTE Corporation will not be liable for the security threats brought by upgrade of the operating system.

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# Getting started

Headphones port



Volume  
Up / Down

Power Key



USB port

## Key definitions

<b>Back key</b>	Touch it to open the previous screen you were working in. If the onscreen keyboard is open, touch it to close the keyboard.
<b>Home key</b>	Touch it to open the home screen. If you're viewing the left or right extended home screen, touch it to open the central home screen.
<b>Recent Apps</b>	Touch the key to open Recent Apps list. Touch and hold to open the Settings for your current screen
<b>Power key</b>	Press it to turn on/off the display. Long press it to open a menu with options for Flight mode, Silent mode, Vibrate mode, and for powering off the phone. <b>TIP:</b> Long press Power off to access Safe Mode.
<b>Volume keys</b>	Adjust the volume. Press to access the Interruptions panel. Press to control in call volume. Control media and apps volume.
<b>Screen Capture</b>	Press the Volume Down and Power key at the same time.
<b>Android Recovery</b>	Hold the Volume Up key, then power On your device.
<b>Power Restart</b>	Hold the Power key for 10 seconds to restart your device.

## Inserting and Removing the SIM card

1. Open the back cover using the thumb catch in the bottom right corner
2. Insert your SIM card face down into the card holder with the cut corner facing down.
3. Insert a microSD memory card if required. The phone accepts microSD cards up to 128GB.
4. Replace the back cover and press down into place.



## Charging the Battery

Connect the charger to the phone using a USB cable, and plug the charger into a standard power socket. Only use the approved charger and USB lead provided.

Always insert the charger lead carefully.

Check the plug and socket are aligned correctly.

Do NOT use excessive force which may damage the USB port.

Be careful to avoid tripping on the lead whilst it is plugged in.

Physical damage to the USB port is not covered by warranty.



# Getting to know your phone

## Screen control

You can control your phone through a series of operations on the screen.

- **Touch:** You can touch the items on the screen to select, to open the applications or to use the keyboard to input characters.
- **Swipe or slide:** Quickly move your finger across the surface of the screen, without pausing when you first touch (so you don't drag something instead).
- **Touch & hold:** You can touch & hold some items to get the item's available menu.
- **Drag:** You can drag some items on the screen to realize some operations.
- **Switch between landscape mode and portrait mode:** You can switch to the landscape mode by rotating your phone. The landscape mode is only valid under some interfaces, such as the text input interface, the message viewing interface, etc.
- **Pinch:** In some apps (such as Maps, Browser, and Gallery), you can zoom in and out by placing two fingers on the screen at once and pinching them together (to zoom out) or spreading them apart (to zoom in).

## Volume Controls

The volume keys work in different ways depending on which application or menu you are in.

### **Lock screen or Home Screen**

Volume keys control the Ring Volume and the Priority Interruptions panel.

Moving the volume all the way down will enable Vibrate mode. Move one step further down for Silent mode (with Alarms still active)

### **During a Call**

During a call the Volume keys will control the in call (headphones, earpiece or speaker) volume.

### **Media Apps and Games**

If you are using apps such as the Music, Video Players or Games then the Volume Keys will control the current media volume level

### **Alarm Setting Application**

If you are setting an Alarm, pressing the Volume keys will change the Alarm volume, so be careful not to mute your Alarm setting as this will over ride the system volume and the Alarm will not sound even if your System volume is on 100%. The Alarm App independantly sets its own volume. You can also review this under Alarm > Options > Settings.

## Lock Screen

The Lock screen will be the first screen you will see if you press the Power key to wake your device up (unless it is the first time you are using your device and you are being lead through the initial setup wizard). The Lock screen will display for a set period of time (typically 30 seconds) and you will need to swipe it as indicated on the screen to open the Home screen.

## Home screen

Press the Home key to return to the Home Screen which is your main desktop. You can add and remove App shortcuts, move apps around and access the default Dialler, Contacts, Messages and Chrome buttons. The Apps tray in the bottom middle opens the Apps menu. Pull down from the top of the screen to review any notifications, pull down again to get to the Quick Settings Panel (see later)

### Manage notifications

- **Open notifications panel:** Drag down from the top of the screen to open the notifications panel.
- **Respond to a notification:** Touch it.
- **Dismiss a notification:** Swipe it sideways.
- **Dismiss all notifications:** Touch CLEAR ALL to remove the notifications.

- **Configure notifications for each app:** Long press (press and hold) on the notification then touch the (i) symbol to configure.

- **Close notifications panel:** Drag the notification panel up to the top of the screen to close

### Display area

The home screen extends to the left and right to show more pages and returns to the centre screen when you press the Home key.

### Add Widgets to the home screen

Press & hold an empty area on the home screen, select **WIDGETS**.

### Move icons on the home screen

Press & hold the icon you want to move, drag it to your desired position on the screen and release.

### Delete icons on the home screen

Touch & hold the app icon, slide your finger toward the top of the screen, and drop the app over the **Remove** icon.

### Using Folders

You can combine several app icons in a folder. Drop one app icon over another on a Home screen, and the two icons will be combined into a folder.

From any Home screen, you can

- **Open a folder:** Touch it. The folder opens:
- **Rename a folder:** Touch its name.
- **Move icons around your Home screens:** Touch, hold and slide.

### Favorites tray

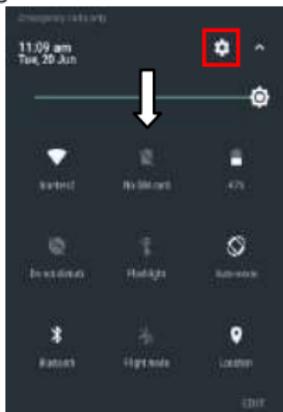
The favorites tray icons at the bottom of the screen remain visible on every Home screen.

- **Place an app icon in the Favorites tray:** Touch, hold, & slide to move one of the Favorites icons out of the tray. Then use the same technique to move another one into the same position.

### Quick Settings Panel

Pull down twice to open the quick settings panel to quickly check and control key features.

Wi-Fi and Bluetooth options can be further configured by touching the drop down settings below the icon as shown. Touch the Settings icon as a shortcut to the Settings menu :



## Switch to sleep mode (turn off the display)

The display will automatically dim and turn off after a pre-set period of time (see Settings > Display) to save power and prevent inadvertent operations such as making phone calls in your pocket. It is also good practice to manually switch off the display after use. Press the **Power key** to turn your screen on or off during normal use.

## Wake up your phone

After the phone switches to the sleep mode, the screen will be turned off and locked. In this case, please wake up your phone and unlock the screen if you want to use your phone.

1. Press the **Power** key to turn on the screen.
2. Drag the  icon to unlock the screen.

If you've set an unlock pattern or password, you need to draw the unlock pattern or input the password to enter the main interface.

If you have set a Fingerprint, you don't need to press the Power key, just touch your finger that you saved into the handset on the fingerprint reader and the phone will wake up and unlock ready for use.

For details, please see **Settings > Security > Screen lock**.

## Secure your device

Go to Settings > Security > Screen Lock to apply a lock screen to your device. Locking your device will prevent unauthorised use.

## Make and answer calls

### Make a call

#### Directly make a call

On the home screen, touch the  button to open the Dialler.

Touch a recently called number or press  to open the Dial

Pad and touch  to make the call.

Touch the Contacts icon to select a Contact.



#### Make a call from Call logs

On the home screen, touch the  button. The first view is Favorites which will populate automatically as you make calls, or will show your Starred contacts first. You can also press Add a Favourite to create a Speed Dial contact.

## Make an international call

On the home screen, touch the  button then press the Dial Pad  to manually enter numbers. Touch & hold the “0” key until “+” appears on the screen, then dial the country code or region code, city code and phone number.

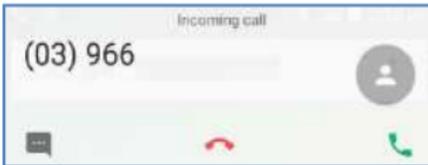
### Dial from Messaging

1. On the home screen, touch the **Messaging** icon
2. Select and open one message or conversation.
3. Touch the  icon at the top of the phone to dial.

## Use touch tones during a call for automated call systems

Touch the  button to open the dial pad to enter numbers during a call.

## Answer a call



Your phone will ring or vibrate (depends on the current mode and settings) for an incoming call.

- Slide the  icon down to answer the call or press the green phone icon.

If you inadvertently dismiss this panel, pull down the Notifications Panel to retrieve the Answer Call panel.

- If the earphone is inserted, press the key on the earphone to answer the call.

## Reject a call

Slide the  icon up to reject the call or press the red hang up icon.

## End a call

Touch the  button to hang up the call.

## Adjust the volume

In a call, you can raise or lower the volume by using the volume keys.

## Turn the speaker on or off

In a call, touch the  button to turn on the speaker, and touch it again to turn off speaker.

## Add a multi party or Conference call

In a call, touch  for Options then **Add call**. Dial a number and touch the phone icon to add one call and put the current caller on hold. Press Options > Merge to join the two (or more) parties together.

# Contacts

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

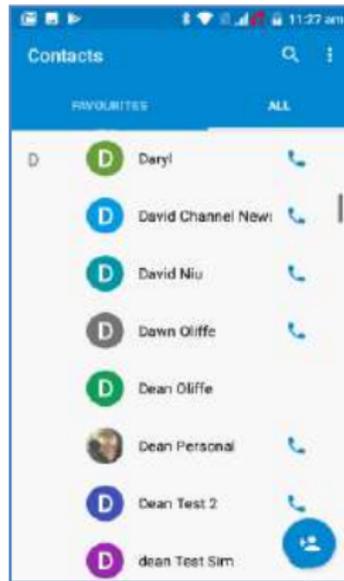
The contacts interface can be divided into the following tab pages:

- **All Contacts:** View the list of contacts.
- **Favorites:** Display the numbers you usually call.

All of your contacts are displayed alphabetically in a scrollable list. Slide your finger up or down to scroll through the list.

## Add new contact

1. In **Contacts**, touch the add contacts icon  at the bottom right hand corner of the screen.
2. Select a memory location.
3. Input all contact information. Slide up to move to the next field or touch **Next**.
4. Touch the  icon to save your contact.



## Delete contacts

1. In **Contacts**, touch the  and then select **Delete contact**.
2. Touch the contacts you want to delete or touch , then touch the **OK**.

## Edit contact details

1. In **Contacts**, touch the contact whose details you want to edit.
2. Touch the .
3. Edit the contact information.

## Search contacts

1. In **Contacts**, touch the  icon.
2. Type a key word of a contact name. The phone will automatically list all matched contacts.

## Add a contact to Favorites

You can tap the contact you want to add to favorites in the contact interface, and then touch  in the upper right corner to add it to **Favorites** directly.

## Import/Export contacts

1. In **Contacts**, touch the  to select **Import/export**.
2. You can select **SIM card, Phone, Phone storage, SD Card**.

## Share a contact

You can share a contact with someone.

1. In **Contacts**, tap the contact you want to share.
2. Touch the  and then touch **Share**.
3. Select application with which to share (Bluetooth<sup>®</sup>, Gmail, MMS, SMS and SD Card).

## Using Google Contacts

When you are signed into your Google account (ie Gmail) all your existing Contacts are downloaded and synced to your device. Also if you add a Contact to your device, for example by importing from your SIM card or entering a new Contact manually, it is automatically synced to your Google account and stored securely on line. You can manage your Google Contacts through the Gmail app on line or using the handset Contacts app as previously described.

## Use Contacts to block an incoming caller

If you want to block incoming calls from a particular number you need to be signed in to your Google account and have the Contact stored in your Contacts list.

Go to Contacts > Select the required Contact > Press the pencil icon to Edit the Contact > Press the

Options icon  > Select All calls to voicemail.

# Messaging

In **Messaging**, you can send or receive text messages and multimedia messages.

On the home screen or in the All Apps screen, touch the **Messaging** icon to open.

## Send messages

1. Touch the  icon to open Messenger. Touch the pen icon to write a new message or click on an existing thread.
2. Input your desired telephone number or type letters to match against your Contacts.
3. Touch the  icon attach pictures, videos or audio file, and the phone will convert the message to a multimedia message.
4. Touch the **Type message** field to enter text using the on screen keyboard.
5. Touch the  icon to send the message.
6. Spell check will select best matching words shown above the keyboard. Touch the correct word to select it.

## Receive messages

1. In idle mode, you will be reminded about the new messages in the notification area. Slide down to open the notification panel to view.
2. Touch the message.
3. Enter text to reply to the message. Touch the  icon to send the message.
4. Touch the  icon at the top of the phone to directly call back. Touch & hold the text to pop up the **Message options** menu, you can **Copy**, **Forward**, **Lock/Unlock** or **Delete** the message, etc.

## Message thread

The messages from one contact or number will be aligned in one message thread in chronological order. You can manage these threads in the messaging interface.

Touch one thread on the **Messaging** screen; touch the  to select:

- **Add subject:** Add a message subject.
- **Insert quick text:** Insert a quick text.
- **Insert contact:** Insert a new contact.

## Message Settings

In **Messaging**, touch Options  and then touch **Settings** to perform relevant settings.

## Gmail

You can use Gmail to read and write email from any mobile device or browser. A Gmail account is required to access Google Play Store and other services.

On the home screen or in the All Apps screen, touch the **Gmail** icon to open **Gmail**.

### Set up an Gmail account for the first time

You need to set up an Gmail account when you use Gmail for the first time.

1. If you already have a Gmail account, touch **Existing**, then enter the Gmail address and password.
2. Otherwise, touch **New** and follow the prompts to create a new Gmail account.

# Connectivity

Your phone can connect to the Internet via your mobile phone operator or over a Wi-Fi network. When a Wi-Fi network is configured and available the device will automatically choose the Wi-Fi connection to reduce your mobile data usage.

## GSM/WCDMA/LTE data connection

Different locations may have different mobile networks available. Initially, your phone is configured to use the fastest mobile network available for data.

The icons on the Status bar indicate which kind of data network you're connected to.

In the All apps screen, touch **Settings > More... > Mobile networks** to perform relevant settings.

## Turn Data Off

Pull down twice for the Quick Settings Panel. Touch the Network signal icon. Touch the Cellular data switch to switch off.

Or the same setting is also available from Settings > Data usage > Cellular

## Wi-Fi

### Turn on/off Wi-Fi

1. In the All apps screen, touch **Settings > WIFI**.
2. Touch the switch to turn it **ON** or **OFF**
3. You can also pull down the Quick Settings Panel and touch the Wi-Fi icon to switch Wi-Fi on or off.

### Connect to Wi-Fi

1. In the All apps screen, touch **Settings**.
2. Turn on Wi-Fi.
3. Your phone will automatically search for all nearby Wi-Fi networks.
4. Select the network you would like to connect to from the list.
  - If you've selected an open network, your phone will automatically connect to it.
  - If you've selected a security network, you need to input the password.

## Bluetooth®

Via the Bluetooth® function, you can exchange data with other Bluetooth devices that are within a short distance.

### Turn on/off Bluetooth®

1. On the home screen, touch  and then touch **Settings**.
2. Touch **Bluetooth®**, and slide the **ON/OFF** button to turn it on or off.

### Pairing

1. Touch **Bluetooth®** when it is on to automatically search for devices. Your phone will scan for and display all Bluetooth® devices it finds.
2. Touch the ID of the desired device.

### Send files via Bluetooth®

To send files via Bluetooth®, do as follows:

1. Select a file or item, such as a contact or a media file from an appropriate application or **File manager**.
2. Open it, choose  then touch the  icon.
3. Search for and pair with a Bluetooth®-enabled device.

## Change your phone's Bluetooth® name

1. On the home screen, touch  and then touch **Settings > Wireless & networks**.
2. If the Bluetooth® function is not turned on, turn it on.
3. Touch **Bluetooth®**, then touch  > **Rename this device** to edit the name of your device, then touch **Rename**.
4. Touch the name of the phone to toggle it to **Visibility timeout** so that other Bluetooth devices can find your device.

## Bluetooth Low Energy (Bluetooth Smart)

Bluetooth LE is an optimised standard of Bluetooth that uses less power and is generally used to connect to personal wearable devices such as fitness monitor wrist bands and watches. The 3<sup>rd</sup> party module and software controls the connection to your phone so traditional pairing and password exchange is not required as it is controlled using a secure key exchanged between your personal device and your handset. The need for manual pairing (using a PIN) is reduced. Follow your device instructions to connect it to your handset.

## Connect to a Computer to transfer files

Transfer audio, video and picture files between your handset and your computer.

### **PC**

Connect your handset using the USB data lead supplied.

First time, select Install driver on the handset notifications window.

On your PC, use Windows Explorer to open the CD Drive: USB\_Driver, then double click Setup to install the handset drivers.

Subsequently, select Media Device (MTP) from the notifications window, which will open the handset in Windows Explorer.

### **MAC**

On your MAC, download and install Android File Transfer.

Connect your handset using the USB data lead supplied.

Select Media Device (MTP) from the notifications window, which will open the handset on your MAC.

# Settings

## Flight mode

Use **Flight mode** to disable all radio functions in the handset. You will not be able to make/answer calls, send/receive messages in **Flight mode**.

On the home screen, you can press and hold the **Power** key, then select **Flight mode** or Swipe down twice from the stop of the screen to see the Quick Setting for Flight Mode.

## Audio Settings

Touch  and then touch **Settings > Sound**

Control the Media, Alarm and Ring volumes. Enable Vibrate mode for calls. Check each menu item to configure the Ringtone, Alarm and Notification sounds.

## Display

Touch **Settings > Display**.

**Brightness level:** Adjust the brightness of the screen.

**Wallpaper:** Choose a wallpaper.

**Sleep:** Choose the delay before the screen automatically turns off.

## Using micro SD Storage

To copy files between a PC and your phone's SD card, you should set the SD card as USB mass storage.

1. Connect your phone to your PC with the USB cable.
2. Turn on **USB storage**.

During this time, you can't access the SD card from your phone, so you can't use applications that rely on the SD card, such as Camera, Gallery and Music.

### Check space on the SD card

1. On the home screen, touch  and then touch **Settings**.
2. Touch **Storage**.

### Erase files from the SD card

1. On the home screen touch  and then touch File Manager
2. Touch **SD card** at the bottom.
3. Touch three dots for Options > Multi-Select
4. Select the files and folders to delete then touch the trash icon.

## Format the SD card

Go to Settings > Storage > SD Card > Options > Storage settings > Format to format your SD card. This will erase all the content on the SD.

## Accounts and sync

### Adding your accounts

1. Touch **Settings > Accounts > Add account**.
2. Touch the account type you want to add.
3. Follow the onscreen instructions to enter your account information.

Most accounts require a username and password, but the details depend on the kind of account and the configuration of the service you're connecting to.

Depending on the kind of account, you may be asked to configure what kinds of data you want to sync, name the account, and other details.

When you're finished, the account is added to the list in Accounts & sync. Depending how you configured the account, email, contacts, and other information may start syncing to your device.

## Language

Touch  and then touch **Settings > Language & input > Language**.

## Date & time

You can set the format of date and time.

On the home screen touch  and then touch **Settings > Date & time**.

## About phone

You can check the phone's status, battery use, software version, etc.

On the home screen touch  and then touch **Settings > About phone**.

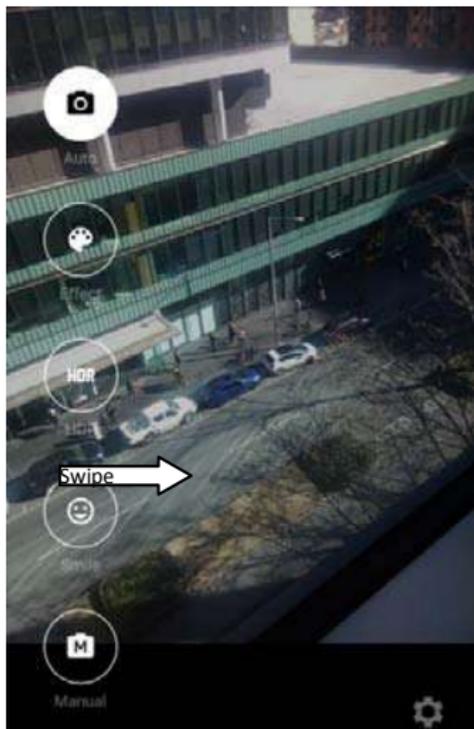
## Camera

Take pictures and videos using the camera. Share via MMS, Bluetooth or Email

### Take photos

1. In the All Apps screen, touch the **Camera** icon to open the camera.

2. Aim the camera lens at the subject, touch the screen to focus on a particular area.
3. Press the shutter icon to take the picture.
4. Swipe from the left to view various camera settings:



## Gallery

The **Gallery** categorizes your pictures and videos by storage location and stores these files in folders. Tap a folder to view the pictures or videos inside.

## Music Player

You can listen to music saved on the memory card with the music player.

### Open the music player

First copy music files to a mounted memory card.

In the All Apps screen, touch **Music** to open.

### Listen to music

Touch the **Song** you want to play to start playing it.

## Sound Recorder

You can record audio files through sound recorder.

### Open the sound recorder

Before opening the sound recorder, please insert a memory card.

In the All Apps screen, touch the **Recorder** icon to open it.

## Record audio files

1. Put the microphone close to your mouth and touch  to start recording.
2. Touch pause to pause or Done to stop recording.
3. Touch the name of the recording to play back the recording.

# More Applications

## Chrome

Use the Chrome browser to view web pages and to search for information on the web.

### Open Chrome

1. On the home screen or in the All Apps screen, touch the  icon.
2. First time you need to Accept and Continue, and can add an account if you want to sync and share your browsing Bookmarks and History between different devices.
3. Touch the text field at the top to input a web address and search directly from the URL field.

You can touch the  > **Bookmarks** to select the bookmark you want to open.

### Browse web

After opening a web page, you could slide your finger on the screen to view other parts of the

page.

### Zoom in or out

You can use two fingers to zoom in or out. Spread your fingers apart or pinch them together to zoom in or out.

### Browse options

When you're browsing web pages, touch the  to select:

You can perform more operations such as **Bookmarks**, **Save to bookmarks**, **Share page**, **Find on page**, **Request desktop site**, etc.

### Settings

You can choose settings that will affect how page content is displayed and privacy and security preferences to suit your browse style.

In Chrome touch the  > **Settings** to enter the settings interface.

## File manager

In the All Apps screen, touch the **File Manager** icon. You can view all files saved in the phone or on the memory card.

## Clock

In the All Apps screen, touch the **Clock** icon to set Alarms, World time, Stopwatch and Timer functions.

When Clock is running, it switches to screen saver mode after a few minutes. Simply tap the screen or a phone button to wake the phone up again.

To return to the home screen, touch the **Home** key.

### Adding an Alarm

1. Touch .
2. Touch the  icon at the top of the screen.
3. Touch **Add alarm**.

### Turning on/off an Alarm

To turn it on, touch **OFF** and slide it to the right. Touch **ON** and slide to the left to turn it off.

### World Time

Press the Globe icon to add a new world time location (City)

## Timer

Select the Timer function. Touch Play to start the timer. Press Stop to stop the alert. Press +1 to add 1 minute, press + to add a new timer event.

## Stopwatch

Select the Stopwatch function. Touch Play to start the Stopwatch. You can Record the time, Pause the time or Share the results.

## Calculator

In the All Apps screen, touch the **Calculator** icon.

On the **Calculator** screen, slide the screen to the right or left to switch between **Advanced panel** and **Basic panel**.

## Calendar

Touch the **Calendar** icon in the All Apps screen.

### Creating a new Event

1. On the calendar screen, touch + to create a **New event**.

2. Enter the event name and location.
3. To set the duration for the event, touch **From** and **To**.
4. Select More for Reminders and Repetition settings
5. If you have more than one calendar, select the calendar where you want to save the event.
6. Touch **Save**.

On the calendar screen, touch an event to view its details.

### Changing your calendar view

On the calendar screen, touch the date at the top and choose **Day**, **Week**, **Month**, or **Agenda**.

Swipe to scroll vertically or horizontally. In the **Day** or **Week** views, spread your fingers apart or pinch them together to zoom in or out.

### Displaying and synchronizing calendars

Initially, all calendars that you create or subscribe to in Google™ Calendar on the web are available to synchronize and display in Calendar on your phone. You can select which Google calendars to keep synchronized and which to show.

1. On the calendar screen, touch  and then touch **Calendars to display**.
2. Touch which calendars you would like to be displayed.
3. If you have more calendars you would like to synchronize and display, touch **Calendars to sync**, then touch the checkbox next to the calendar(s) you would like to synchronize, touch **OK**, and then you are returned to the Calendars to display screen where what you chose is now displayed and

where you can choose which to display in the calendar.

## Downloads

With **Downloads**, you can manage logs of files you have downloaded from the web.

Touch the **Downloads** icon in the All Apps screen.

## Manage applications

You can view and manage applications installed in your phone.

### Install new applications

You can install applications from the **Play Store** or from elsewhere. When installing applications that are not from the **Play Store**, make sure the software is suitable for your phone.

#### Installing applications from the Play Store

1. On the home screen or in the All Apps screen, touch the **Play Store** icon.
2. Search for the applications you want to install.
3. Select **Install** (for free items) or **Buy**.
4. If you select **Install**, the item will start downloading immediately.
5. If you select **Buy**, enter your credit card information. Follow the on-screen instructions.

## Installing applications not in the Play Store

1. Copy the application to the SD card and find the file from **File manager**.
2. Check **Unknown sources**.
3. Touch the file and complete the installation according to the wizard.

## Uninstall applications

### Uninstall applications in the Play Store

1. On the **Play Store** screen.
2. Touch the application to uninstall.
3. Touch **Uninstall** and complete the uninstall process according to the wizard.

### Uninstall applications not in the Play Store

1. On the home screen, touch  and then select **Settings > Apps**.
2. Scroll the list and touch the application you want to uninstall.

# Technical Specifications

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Size and Weight	144 x 71 x 8.4 mm.	130g with battery
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Networks	4G LTE Band 1, 3, 7, 8, 28 LTE Data Rates: 150M Down / 50M Up 3G UMTS 850, 2100 MHz. HSPA+ 42Mbps data 2G 900, 1800 MHz.
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Display	5" IPS, HD 720 x 1280p, 294ppi, Capacitive touch.
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Camera	8MP Rear, 2MP Front
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CPU & Memory	1.25GHz Quad Core CPU with 1GB RAM. 8GB ROM with approx 3.5GB user space. Expandable external storage microSD(HC) <sup>™</sup> up to 128GB
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Operating system	Android 7.0
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Battery	Capacity	2400mAh Li-ion user replaceable
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Charge Time	3-4 hrs with AC Charger
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Standby time	Up to 300 hours (subject to network)
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Voice talk time	Up to 14 hours (subject to network)
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Connectivity	Bluetooth 4 , Wi-fi 802.11b/g/n, 3.5mm jack NAHJ, micro USB
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SIM Card	Nano SIM, 4FF format.
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# Troubleshooting

Symptom	Solution
How do I check the software version?	Menu > Settings > About phone > Build number
How do I reset to factory defaults?	Menu > Settings > Backup & reset > Factory data reset
How do I check the SMS service centre number?	Messages > Options > Settings
How do I configure the MMS Settings?	Messages > Options > Settings
How do I configure Email settings?	Apps > Email, or Menu > Settings > Accounts
How do I copy Contacts to or from my SIM card?	Contacts > Options > Import/Export > Follow the directions on screen
How do I select Network mode?	Menu > Settings > More > Mobile Networks > Preferred network type

Symptom	Solution
How do I manually select a carrier?	Menu > Settings > More > Mobile Networks > Network operators > Search networks
How do I enable USB tethering?	Menu > Settings > More > Tethering and Portable hotspot > USB tethering. (Connect as CDROM to install drivers)
How do I configure APN's	Menu > Settings > More > Mobile Networks > Access Point Names > Select + to add new APN
How do I enable Flight Mode?	Long press on the power key > Flight Mode
How do I clear my Browser?	Chrome > Options > History> Clear Browsing Data
How do I check Call forwarding etc	Calls > Options > Settings > Calls > Operator Settings > Call forward
How do I check for Software Updates?	Apps > Settings > About Phone > System updates

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How do I change the Ringtone?

Menu > Settings > Sound > Phone ringtone

<b>Symptom</b>	<b>Solution</b>
The battery discharges quickly	Possible network coverage issue. Check the signal level. With only 1 or 2 bars, the battery has to work harder to maintain network contact. Limit multi-media to save power. The battery may be worn out.
The handset turns on by itself.	An alarm or calendar event switches the handset on automatically.
No incoming ring or alarm tone	Hold the power key to check the phone is not in silent mode. Check the ringtone and ring volume settings.
The handset switches off after charging.	The handset is charging in the off state. Press and hold the Red key to switch the handset ON.
I cannot charge the phone	Confirm the charger is properly inserted. Tips: Charge the phone using the supplied USB cable. You can use any standard USB socket as a charger

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My data usage is excessive	Check Settings > Data usage to determine which apps are consuming your data. Google+ can use large amounts of backup data. Review under Google+ > Options > Settings
Symptom	Solution
I cannot connect to other Bluetooth devices	Turn Bluetooth on. Set visibility to Show. Make sure the pass-code is correct. Possible compatibility issues. Not all functionality is supported between different Bluetooth devices and standards.

#### ERROR MESSAGES

Message	Solution
No SIM Card	Check a valid SIM card is inserted. See the <i>Getting Started</i> section
Enter PIN code	You have set a SIM PIN. Please enter your SIM PIN code.
Enter PUK code	Contact your Service Provider to get the PUK code
Enter Unlock Code	Contact your Service Provider to obtain the network unlocking code.

## Disposal of your old phone



1. When the wheelie bin symbol is attached to a product, it means the product is covered by the European Directive 2002/96/CE.
2. All electrical and electronic products should be disposed of separately from normal household waste via designated collection points provided by government or local authorities.
3. The correct disposal of electrical and electronic products will help protect the environment and human health.