


3. Select the **Portable Wi-Fi hotspot** check box to share your data connection.


 When **Portable Wi-Fi hotspot** is selected, you can touch **Portable Wi-Fi hotspot settings** to change its network name or secure it.

## 7.5 Browser

Your mobile phone comes with a browser. You can use **Browser** to access and browse the Internet.

### 7.5.1 Opening the Browser

Touch  > **Browser** to open the home page.

 When the known or open Wi-Fi networks and the mobile networks are present at the same time, your phone will preferably select a Wi-Fi network for internet access.

Open the browser options menu and perform one of the following operations, touch




- **New window:** Touch to open a new window.
- **Bookmarks:** Touch to display bookmarks.
- **Windows:** Touch to go to the web preview screen. You can switch to another web page or open a new web page on this screen.
- **Refresh:** Touch to refresh the current page.
- **Forward:** Touch to browse the next web page.
- **More:** Touch to open other menus and perform operations such as searching, selecting text, downloading, or setting options.

### 7.5.2 Opening a Web Page

1. In a browser window, touch the URL field at the top of the screen.
2. Use the keyboard to enter the web page address. You can touch  to enter the web page address by voice.
3. As you enter the address, matching web page addresses will appear on the screen. If you see the address you want, touch it and go directly to that web page or complete entering the address of the web page you want.


## 7.5.3 Setting a Home Page

1. In a browser window, touch .
2. Touch **More > Settings > Set home page**.
3. Enter the address of the desired home page, and then touch **OK**.

## 7.5.4 Managing Bookmarks

You can store as many bookmarks as you want on your mobile phone.

### Adding a Bookmark

1. In a browser screen, go to the web page you want to save as a bookmark.
2. Touch , and then touch **Bookmarks > Add**. The add bookmark screen opens.
3. Edit the bookmark name as needed and then touch **OK**.

### Opening a Bookmark

1. In a browser window, touch , and then touch **Bookmarks**.

On the **Bookmarks** screen, touch the **History** tab to view the pages you have visited. Or touch the **Most visited** tab to view the pages you have visited most frequently.

2. Touch the bookmark of the website you want to open.

## 7.5.5 Customizing the Browser Settings


Customize the browser to suit your browsing style. Use **Browser** to set page content, privacy, and security preferences. In the browser screen, touch , and then touch **More > Settings**.

## 7.6 Bluetooth

Your mobile phone has Bluetooth, which allows you to create a wireless connection with other Bluetooth devices so you can share files with your friends, talk hands-free with a Bluetooth headset, or even transfer photos on your phone to your PC.

If you are using Bluetooth, remember to stay within 10 meters (33 feet) of other Bluetooth devices. Be aware that obstacles like walls or other electronic equipment may interfere with your Bluetooth connection.

## 7.6.1 Turning On Bluetooth

1. Touch  > **Settings**.
2. Touch **Wireless & networks**, and then select the **Bluetooth** check box to turn on Bluetooth. When Bluetooth is turned on, the Bluetooth icon appears in the notification bar.
3. Touch **Bluetooth settings**, and then select the **Discoverable** to make your mobile phone visible to other Bluetooth devices.

## 7.6.2 Pairing and Connecting a Bluetooth Device

Your mobile Bluetooth lets you do the following:

- Hands Free Profile (HFP): allows you to use a hands-free Bluetooth device.
- Headset Profile (HSP): allows you to use a mono Bluetooth headset.
- Object Push Profile (OPP): allows you to transfer files through Bluetooth.
- Advanced Audio Distribution Profile (A2DP): allows you to use a stereo Bluetooth headset.
- AV Remote Control Profile (AVRCP): allows you to control what plays through the Bluetooth headset remotely.

Before you use Bluetooth, you need to pair your mobile phone with another Bluetooth device as follows:


1. Ensure that the Bluetooth function on your mobile phone is enabled.
2. Touch  > **Settings** > **Wireless & networks** > **Bluetooth settings**. Your mobile phone will then scan for Bluetooth devices in range.
3. Touch the device you want to pair with your mobile phone.
4. Enter the pairing password to complete the connection if necessary.

## 7.6.3 Sending Files via Bluetooth

With Bluetooth, you can share pictures, videos, or music files with your family and friends. To send files via Bluetooth, do as follows:

1. Touch and hold the file to be sent in your mobile phone or SD card. The active options menu is displayed.
2. Touch **Share**, and then touch **Bluetooth** to select a paired device.

## 7.6.4 Disconnecting or Unpairing a Bluetooth Device

1. Touch  > **Settings** > **Wireless & networks** > **Bluetooth settings**.
2. Navigate to the **Bluetooth devices** section, and then touch and hold the connected device.

You can also just touch a connected device to disconnect it.

3. Touch **Unpair** to disconnect the device.



# 8 Entertainment

In addition to being a communication device and personal assistant, your mobile phone also provides you with a multitude of entertainment possibilities. You can take photos, create videos and audio clips, and download and listen to music.

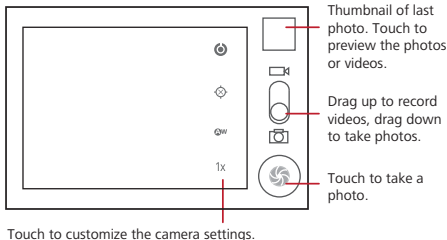
## 8.1 Taking Photos and Recording Videos

The camera is a combination of camera and camcorder that you can use to shoot and share pictures and videos.

### 8.1.1 Opening Your Camera

- Touch  > **Camera** to open the camera. The camera opens in landscape mode, ready to take a picture or record a video.
- Touch  to close the camera.


## Capture Screen



Touch to customize the camera settings.

On the capture screen, touch  to show the capture panel.

### 8.1.2 Taking a Photo

1. Open your camera and switch to the camera mode.
2. If necessary, change the camera settings. The preview changes as you change the settings.
3. Compose your photo within the photo capture screen.
4. Touch  to take your photo.



The photo you just took is displayed for a moment. You can take another photo or preview your photos.

### 8.1.3 Viewing Your Photos

1. After taking a photo, a thumbnail of the photo you have just taken is shown in the upper right corner of the capture screen. Touch the thumbnail to view it.
2. Touch the onscreen button to do any of the following:
  - Touch **Share** to send the photo in a message or post it online.
  - Touch **Delete** to delete the photo.
  - Touch **More** > **Set as** to set a picture as contact icon or wallpaper.

### 8.1.4 Recording a Video

1. Open the camera, and then switch to camcorder mode.

2. If necessary, change the camcorder settings.
3. Frame the scene which you want to start your video.
4. Touch  to start recording a video.
5. Touch  to stop recording.

## 8.1.5 Viewing Your Videos

1. After recording a video, a thumbnail of the video you have just recorded is shown in the upper right corner of the Capture screen. Touch the thumbnail to view it.
2. Touch the onscreen button to do any of the following:
  - Touch **Share** to send the video in a message or post it online.
  - Touch **Delete** to delete the video.

On the video playing screen, touch the controls to skip forward or back or to play or pause the video.
3. If you want to view more videos, flick your finger left or right across the screen.

## 8.2 Using the Gallery

Your **Gallery** application can automatically search for pictures and videos on your mobile phone and microSD card. Use **Gallery** to sort photos and videos into folders, view and edit pictures, watch videos, and set a picture as wallpaper or as a photo for a contact.

### 8.2.1 Opening the Gallery

Touch  > **Gallery** to open the viewer.


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

### 8.2.2 Viewing a Picture


1. In the **Gallery**, touch the folder that contains the pictures you want to view.
2. Touch the picture to view it in full-screen mode.
3. Touch the screen. Then the zoom panel appears. You can zoom in or zoom out on the picture.

 The picture viewer supports the automatic rotation function. When you rotate your mobile phone, the picture adjusts itself to the rotation.

## 8.2.3 Rotating a Picture

1. When viewing a picture, touch  to display the operations panel.
2. Touch **More**.
3. Select either **Rotate Left** or **Rotate Right**. The picture is saved with the new orientation.

## 8.2.4 Cropping a Picture

1. When viewing a picture, touch  to display the more operations panel, and then touch **More > Crop**.
2. Use the cropping tool to select the portion of the picture to crop.
  - Drag from the inside of the cropping tool to move it.
  - Drag an edge of the cropping tool to resize the image.
  - Drag a corner of the cropping tool to resize the image without changing the length to width ratio.
3. Touch **Save** to save the cropped picture. Touch **Discard** to discard the changes.

# 8.3 Enjoying the Music

## 8.3.1 Copying Music to the microSD Card

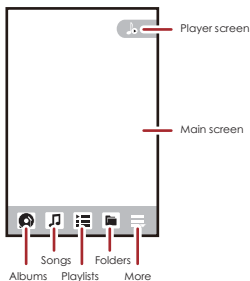
1. Connect the phone to your computer with a USB cable and mount the microSD card.
2. On the PC, navigate to the USB drive and open it.
3. Create a folder in the root directory of the microSD card (for example, **Music**).
4. Copy the music from your computer to the folder you have created.
5. After copying music, unmount or eject the drive as required by your PC's operating system to safely remove the mobile phone.
6. Disconnect the mobile phone from the PC.

## 8.3.2 Opening the Music Library

Touch  > **Huawei Music** to open the music library.

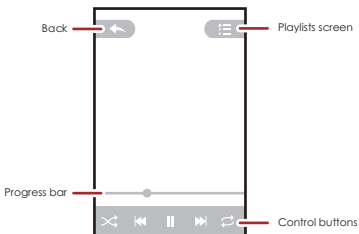
Music Library automatically scans for music stored on your SD card and displays them in **Albums**, **Songs**, **Playlists**, **Folders**. Touch **More** to view music of other types.

- 👉 You can rotate your phone clockwise or counterclockwise to display the cover flow of albums.




### 8.3.3 Playing Music


1. Touch a type in music library.
2. Touch the music file you want to play.






By default, the album cover is displayed in music playing screen. You can flip left or right to switch to visualization effects or lyrics screen.

During the music playing, press . You can use other applications and the music will be playing in background. Open the notifications panel, touch the playing music to return to the music playing screen.

 Touch the star sign to add the song to **My favorite**.

## 8.3.4 Creating Playlists

1. In music library, enter **Playlists**, and touch **New playlist** to create a new playlist.
2. After a playlist is created, touch **OK** to add songs.
3. Touch .

 Press and hold a playlist to **Rename** or **Delete** it.

## 8.3.5 Adding Music to Playlist

1. Touch a type in music library.
2. Press and hold a music file, and then touch **Add to playlist**.
  - Touch an existing playlist to add the song to the playlist.
  - Touch **New playlist** to add the song to the new playlist.

## 8.3.6 Playing Music in Playlists

1. In music library, touch the type of **Playlists**.
2. Press and hold the playlist you want to play.
3. Touch **Play** to play the playlist.

# 8.4 Listening to FM Radio

FM Radio lets you listen to FM radio stations on your mobile phone. Since FM Radio uses the provided wired stereo headset as the antenna, connect the headset first to the audio jack of your phone before you open the application.




## 8.4.1 Opening the FM Radio

1. Touch  > **FM Radio** to open the application.


2. The first time you open FM Radio, touch **Auto tuning**, which automatically scans for available FM channels, saves them as presets, and plays the first FM channel found.

## 8.4.2 Tuning the FM Radio


Open the **FM Radio** application, and then touch  to do the following:

- Touch **Inching tuning**, then touch  or  to fine tune the frequency at -0.1 MHz or +0.1 MHz intervals. Touch **OK** when you are satisfied. After tuning, touch , and then touch **Save channel**.
- Touch **Auto tuning** to scan automatically for available FM channels.

# 9 Google Services

-  Availability of Google applications, services, and features may vary according to your country or carrier. Please follow the local laws and regulations to use them.

When you turn on your mobile phone for the first time, touch a Google services such as **Talk**, **Gmail**, or **Market**, and you will be prompted to sign in to your Google account.


-  Ensure that your mobile phone has an active data connection (3G) before you sign in to your Google account.

If you already have a Google account, touch **Sign in** and enter your username and password.

## 9.1 Creating a Google Account

If you do not have a Google account, you can create one:

1. After reading the setup information, touch **Next**.
2. Touch **Create**.
3. Enter a first name, last name, and user name for your Google account, and then touch **Next**. The mobile phone will connect to the Google server to check whether the username is available. If the username you entered is already in use, you will be prompted to choose another one or select one from a list.

4. Enter and confirm your Google account password.
  5. Select a security question from the drop down menu, and then enter the answer.
  6. Touch **Create**.
  7. When the **Google Terms of Service** screen appears, touch **I agree, Next**.
  8. Enter the characters that appear on the screen, and then touch **Next**.
-  To use another Google account, go to the **Accounts & sync settings** screen, and touch **Add account** to select which type of accounts you want to add.


## 9.2 Using Gmail

**Gmail** is Google's web-based email service. When you first set up your phone, you may have configured it to use an existing **Gmail** account or create a new account. The first time you open the **Gmail** application on your phone, your **Inbox** will contain the messages from your **Gmail** account on the web.

### 9.2.1 Opening Gmail


Touch  > **Gmail**. The **Inbox** mail list appears. Any emails you decide to keep on your mobile phone will go to your **Inbox** folder.

### 9.2.2 Switching Between Accounts


1. In the mail list, touch , and then touch **Accounts**.
2. Touch the account that contains the email you want to read.

### 9.2.3 Creating and Sending an Email

1. In the mail list, touch , and then touch **Compose**.
2. Enter the message recipient's email address in the **To** field. If you are sending the email to several recipients, separate the email addresses with commas. You can add as many message recipients as you want.

If you want to send a copy (Cc) or a blind copy (Bcc) of the email to other recipients, touch , and then touch **Add Cc/Bcc**.

3. Enter the email subject and write your message.

If you want to add a picture attachment, touch , and then touch **Attach** to select the picture you want to attach.

4. After composing your email, touch  .

## 9.2.4 Replying To or Forwarding an Email

1. In the mail list, touch the email that you want to reply to or forward.

2. Touch  to reply. You can also touch , and then touch **Reply**, **Reply all**, or **Forward**.

3. Do one of the following:

- If you selected **Reply** or **Reply all**, enter your message.
- If you selected **Forward**, specify the message recipients and add any additional text you want to include with the forwarded message.

4. Touch  to send, or touch  to save as a draft.

## 9.2.5 Searching for an Email

1. In the mail list, touch , and then touch **Search**.

2. Enter the search keywords in the box, and then touch  .


## 9.2.6 Customizing Your Gmail Settings

In the mail list, touch , and then touch **More > Settings** to customizing your **Gmail**.

# 9.3 Using Talk


**Talk** is Google's instant messaging service. You can use it to communicate in real time with other people using **Talk** on a phone or on the web.

## 9.3.1 Opening Talk

Touch  > **Talk** to open the application.

 Your **Talk** account is based on the Google account you set up with your mobile phone.

## 9.3.2 Adding a Friend

1. In the friends list, touch  , and then touch **Add friend**.
2. Enter the **Talk** instant messaging ID or Google email address of the friend you want to add.
3. Touch **Send invitation**.


## 9.3.3 Accepting an Invitation

1. If you have invited anyone to chat or if someone else has invited you to chat, this information will appear in the friends list.
2. Touch a pending invitation, and then touch **Accept**.

## 9.3.4 Starting a Chat

1. In the friends list, touch a friend's name in the friends list.
2. Use the onscreen keyboard to enter text and chat with your friend.
3. After entering your message, touch **Send**.

## 9.3.5 Setting Notifications for New Instant Messages

Whenever you receive an instant message, your mobile phone can play a sound, vibrate, or display an icon. To set up one of these handy notifications, start in the friends list, and then touch  . Then touch **Settings**. Now choose from one of the following:

---

|                         |  |
|-------------------------|--|
| <b>IM notifications</b> | Select the check box to receive a notification on the notification bar when you receive an instant message.  |
| <b>Select ringtone</b>  | Touch to choose the ringtone used for a new instant message. You will hear a short sample of the ringtone when you select it. To turn the ringtone off, select <b>Silent</b> . |
| <b>Vibrate</b>          | Select the check box to make your mobile phone vibrate when you receive a new instant message.   |

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## 9.3.6 Signing Out of Talk


In the friends list screen, touch , and then touch **Sign out** to quit **Talk**.

# 9.4 Using Maps

**Maps** lets you find your current location, view real-time traffic conditions (depending on availability in your locale), and get detailed directions to various destinations on a satellite, traffic, or other kind of map.

## 9.4.1 Enabling Location Source


Before you open **Maps** to find your location or search for places of interest, you must enable "location source".

1. Touch  > **Settings**.
2. Touch **Location & security**.
3. In the **My Location** section, select the **Use wireless networks** check box, **Use GPS satellites** check box, or both.


## 9.4.2 Opening Maps


Touch  > **Maps** to open the application.

## 9.4.3 Searching for Places of Interest

1. On the map, touch , and then touch **Search**.
2. Enter the place you want to search for in the search box, and then touch the Search icon.
3. Your search results will then be displayed. Touch a place you are interested in and the application will show where it is on the map.

## 9.4.4 Getting Directions



1. While viewing a map, touch , and then touch **Directions**.
2. Enter the starting point in the first text box, and then enter your destination in the second text box.
3. Touch the icon for car, public transit, or walking directions.

4. Touch **Go**. Your directions will appear in a list.
5. Touch a direction item on the list to show it on the map.
6. When you finish viewing or following the directions, touch  and touch **Clear Map** to reset the map.


## 9.5 Using YouTube

**YouTube** is Google's free online video streaming service for viewing, searching for, and uploading videos.

### 9.5.1 Opening YouTube

Touch  > **YouTube**. You will then see the YouTube screen. You can touch  > **Browse** > **All**, and then the videos will be grouped into categories, such as **Most viewed**, **Most discussed**, **Top rated**, and more.

### 9.5.2 Searching for a Video

1. On the **YouTube** screen, touch , and then touch **Search**.
2. Enter a search keyword, and then touch the Search icon.
3. You will see a number of search results displayed below the notification bar. Scroll through the results and touch a video to watch it.


### 9.5.3 Sharing a Video

1. While watching a video, touch **More**, and then touch **Share**.
2. Compose a message if you like, address the email, and send it.

## 9.6 Using Market

Android Market provides direct access to applications and games which you can download and install on your phone.

### 9.6.1 Opening Market

1. Touch  > **Market**.
2. When you open **Market** for the first time, the **Android Market Terms of Service** window will appear. Touch **Accept** to continue.

## 9.6.2 Searching for Applications

There are a few different ways to find applications on the **Market** home screen, including:

- Featured applications.
- List of games.
- Search function.
- My apps.

## 9.6.3 Installing an Application

❗ If you want to install a non-Market application, touch  > **Settings** > **Applications**, and then select the **Unknown sources** check box to allow installation of the non-Market application.

1. In the **Market**, touch **Apps**.
2. Touch a category, and then touch the item you want to download.
3. On the item details screen, read more about the application, including its cost, overall rating, and user comments. If you scroll down to the **Developer Info** section, you can see other applications from the same developer, link to the developer's website, or send the developer an email.
4. To install the item, touch **FREE** > **OK** (if the item is free) or **Buy**, whichever is displayed.
5. To check the progress of a download, open the notification panel. Most applications are installed within seconds. To stop an item from downloading, touch **Cancel**.
6. After the application has been downloaded and installed on your mobile phone, the content download icon appears in the notification bar.

## 9.6.4 Uninstalling an Application

1. On the **Market** screen, touch **My apps**.
2. Touch the application you want to uninstall, and then touch **Uninstall**.
3. When prompted, touch **OK** to remove the application from your mobile phone.
4. Choose the reason for removing the application, and then touch **OK**.



# 10 Synchronizing Information

Some applications on your mobile phone give you access to the same personal information that you can add, view, and edit on your computer. If you add, change, or delete your information in any of these applications on the web, the updated information also appears on your mobile phone.

This is made possible through over-the-air data synchronization. The process occurs in the background and does not interfere with use of your mobile phone. When your phone is synchronizing, a data synchronization icon will be shown in the notification bar.


## 10.1 Managing Your Accounts

You can synchronize contacts, email, and other information on your mobile phone with multiple Google accounts or other kinds of accounts, depending on the applications installed on your mobile phone.

For example, you can start by adding your personal Google account, so your personal email, contacts, and calendar are always available. You could then add a work account, so your work-related emails and work contacts are handy. If you like, you may add multiple Google accounts or other accounts.

### 10.1.1 Adding an Account

When you add an account, **Contacts** compares contacts from the newly synchronized account with contacts from your existing mobile phone accounts and attempts to merge duplicates into a single entry in **Contacts**. While it is presented as a single contact entry, the contact data itself is not merged.

1. Touch  > **Settings** > **Accounts & sync**. The screen displays your current synchronization settings and a list of your current accounts.

(?) In some cases, you may need to obtain account details from an IT support. For example, you may need to know the account's domain or server address.

2. Touch **Add account**.

3. Touch the kind of account to add.

4. Follow the onscreen steps to enter the required and optional information about the account. Most accounts require a username and password, but the details depend

on the kind of account and the configuration of the service to which you are connecting.

5. Configure the account. Depending on the kind of account, you may be asked to configure what kind of data you want to sync to the mobile phone, to name the account, and for other details. When you are finished, the account is added to the list in the **General sync settings** screen.

## 10.1.2 Removing an Account

You can remove an account, deleting it and all information associated with it from your mobile phone, including email, contacts, settings, and so on. You cannot, however, remove some accounts, such as the first account you signed into on the mobile phone. If you attempt to remove certain accounts, all personal information associated with it will be deleted.

ⓘ You can only remove a **Gmail** account by resetting the phone to factory defaults.

1. On the **General sync settings** screen, touch the account to be deleted.
2. Touch **Sign Out**.
3. Confirm that you want to remove the account.

# 10.2 Customizing Your Account Synchronization

You can configure background data use and synchronization options for all the applications on your phone. You can also configure what kind of data you synchronize for each account.

For some accounts, synchronizing is two-directional; changes that you make to the information on your mobile phone are made to the copy of that information on the web. Some accounts support only one-way synchronize; the information on your mobile phone is read-only.

## 10.2.1 Configuring General Sync Settings

On the **General sync settings** screen, do the following:

- Select or clear the **Background data** check box to control whether applications and services can transmit data when you are not working with them directly (that is, when they are running in the background).

If you clear this option, **Gmail** stops receiving new mail, **Calendar** stops synchronizing events, and so on, until you touch the **Refresh** menu item or send an email.

- Select or clear the **Auto-sync** check box to control whether changes you make to information on the phone or on the web are automatically synchronized with each other.

For example, when this option is selected, changes that you make in **Contacts** on the phone are automatically made in Google Contacts on the web.

## 10.2.2 Changing an Account's Synchronization Settings

1. On the **General sync settings** screen, touch the account whose synchronization settings you want to change. The data and synchronization screen opens, displaying a list of the kinds of information the account can synchronize.
2. Selected items are configured to synchronize to your mobile phone.
3. Select or clear the check box of information you want to synchronize to the mobile phone.

# 11 Using Other Applications

## 11.1 Using the Calendar


Use **Calendar** to create and manage events, meetings, and appointments. Depending on your synchronization settings, the calendar on your phone can be synchronized with the internet-based calendar you use.

### 11.1.1 Opening the Calendar

Touch  > **Calendar** to open the application.

 To access Google calendar, touch , and then touch **More > Calendars**.

## 11.1.2 Creating an Event

1. On any calendar view, touch  . Then touch **New event** to open the **Event details** screen.
2. Enter the event name.
  - If there is a time frame for the event, touch **From** and **To** to set the beginning and end times of the event.
  - If the event is a special occasion such as a birthday or a day-long activity, set the date for **From** and **To**, and then select the **All day** check box.
3. Enter the location of the event and a description.
4. If you have more than one calendar, select the calendar where you want to save the event.
5. Enter email addresses to invite guests to the event.
6. Set the time of your event reminder in **Reminders**, and then specify in **Repetition** whether the event recurs and, if it does, how frequently.
7. Touch **Done**.

 To quickly create an event in the **Day**, **Week**, or **Month** view, touch and hold an empty time slot, and then touch **New event**. A new event details screen will appear with the selected time slot and date in the **From** and **To** fields.

## 11.1.3 Setting an Event Reminder

1. On any calendar view, touch an event to view its details or an event summary.
2. Touch the **Add reminder** button to add a reminder. Or touch the reminder's "-" button to delete an existing reminder.
3. Touch the reminder time, and then touch the length of time before the event when you want to be reminded. When the time comes, you will receive a notification about the event.

## 11.1.4 Setting the synchronize and display

1. On any calendar view, touch  . Then touch **More > Calendars**.

The Calendars screen displays all the calendars you have added or subscribed to for each account that is configured to synchronize events to your phone,

organized by account. (Calendars for accounts you have configured not to synchronize Calendar events are not included in the list.)

2. Touch the icon next to a calendar to change whether it is synchronize and whether it is display.

You remain subscribed to Calendars that you configure not to store on the phone and you can still work with them with Google Calendar on the web.

3. Touch **OK**.

## 11.1.5 Customizing the Calendar Settings

On any calendar view, touch  . Then touch **More > Settings**.

- **Hide declined events:** Select to hide events for which you have declined invitations.
- **Use home time zone:** Displays calendars and event times in your home time zone when traveling.
- **Select ringtone:** Touch to select the ringtone to sound when you receive an event reminder.
- **Vibrate:** Select to vibrate the mobile phone when you receive an event notification.
- **Default reminder time:** Touch to select the default time before an event for event reminders to occur.

## 11.2 Using the Clock

In addition to displaying the date and time, the **Clock** application displays information about the weather and your phone. You can also use **Clock** to turn your mobile phone into an alarm clock.

### 11.2.1 Opening the Clock

Touch  > **Clock** to open the application.

**Clock** opens with the date and time displayed on your Home screen wallpaper, along with your local weather and other useful information.

### 11.2.2 Opening the Alarms

On the **Clock** screen, touch  to open the **Alarms**.

## Adding an Alarm

1. On the alarm list screen, touch **Add alarm**.
2. Set the alarm, and then touch **Done**.

## Setting an Alarm

1. On the alarm list screen, touch one of the alarms on the screen.
2. Touch **Time** to set the time of the alarm.
3. Touch **Repeat** to set the days when you want the alarm to sound.
4. Touch **Ringtone** to select a ringtone for the alarm.
5. Select the **Vibrate** check box to have the phone vibrate, in addition to playing the ringtone.
6. Touch **Label** to enter a name for the alarm.
7. Touch **Done**.

 The alarm clock still works when the phone is powered off.

## Customizing Alarm Settings

On the alarm list screen, touch  , and then touch **Settings**.

# 11.3 Using the Calculator

Use the calculator to solve simple arithmetic problems or use its advanced operators to solve more complex equations.

## 11.3.1 Opening the Calculator




Touch  > **Calculator** to open the application.

## 11.3.2 Switching to the Advanced panel

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

# 11.4 Using the Notepad

**Notepad** features a simple text processor and lists all notes in a linear structure. You can add, edit, and delete notes.

1. Touch  > **Notepad** to open the application.
2. Touch , and then touch **Add note** to create a note.
3. Touch  to save the note.

## 12 Tags

Near Field Communication (NFC) is a technology for storing a small amount of information in a sticker or other small device, which you can scan at close range with an NFC reader. If your phone has the ability to scan NFC tags, you can use the Tags application to open, act on, and organize the tags you have scanned.

Touch > **Settings** > **Wireless & networks**, and select **NFC** to open NFC function.

### 12.1 Scanning tags

1. Unlock your phone's screen and place your phone over next to the tag. Your phone scans the tag and displays the contents it collected.
2. Touch one of the tag's content to open it (and save the tag on your phone). Or touch **Done** or **Delete** to save or delete the tag and return to the last screen you were working in.

If you touch one of the tag's contents, it opens in an application designed to work with it, such as Gallery, Browser, Maps, Messaging, and so on.

### 12.2 Open Tags and view your scanned tags

Touch > **Tags** to open it.

The **Tags** application opens, with a list of the tags you've scanned previously.

You can touch the **Starred** tab to view a list of tags you have just starred. Or touch the **Tags** tab to view a list of all tags.

### 12.3 Open and work with a scanned tag

1. Open **Tags** and touch a tag in the **Tags** or **Starred** list.
2. Touch the tag's star to add or remove it from the list of starred tags.


3. Touch a tag's content to open it.
4. Touch **Done** to return to the list of tags.





## 13 Managing Your Mobile Phone

To configure your mobile phone, touch  > **Settings**.

### 13.1 Setting the Date and Time

By default, your mobile phone automatically uses the date, time zone, and time provided by the network.

 When your mobile phone is using date and time settings provided automatically by the network, you cannot manually set the date, time, and time zone.

1. On the **Settings** screen, touch **Date & time**.
2. Clear the **Automatic** check box.
3. Touch **Set date**. On the set date screen, touch  or  to adjust the date, month, and year, and then touch **Set** when the configuration is complete.
4. Touch **Select time zone**, and then select the desired time zone from the list. Scroll the list to view more time zones.
5. Touch **Set time**. On the set time screen, touch  or  to adjust the hour and minute. Touch **Set** when the configuration is complete.
6. Select or clear the **Use 24-hour format** check box to switch between 24-hour format and 12-hour format.
7. Touch **Select date format** to select how you want the date to display on your mobile phone.

### 13.2 Setting the Display

#### 13.2.1 Adjusting the Screen Brightness

1. On the **Settings** screen, touch **Display > Brightness**.
2. Drag the slider left to make the screen darker, or right to make it brighter.
3. Touch **OK** to save the adjustment.



## 13.2.2 Adjusting the Time Before the Screen Turns Off

If your mobile phone is idle for several minutes, it will turn off the screen to save battery power. To set a longer or shorter idle time, do the following:

1. On the **Settings** screen, touch **Display > Screen timeout**.
2. Select the duration you want the screen to be illuminated.

## 13.3 Setting Ringers

### 13.3.1 Turning On Silent Mode

1. On the **Settings** screen, touch **Sound**.
2. Select the **Silent mode** check box to silence all sounds except alarms, and music and video media sound.

### 13.3.2 Adjusting the Volume

You can adjust the volume from the Home screen or any application screen (except during a call or when playing music or videos). Press the Volume keys to adjust volume to the level you desire.



You can also adjust the volume from the settings screen.

1. On the **Settings** screen, touch **Sound > Volume**.
2. Drag the slider left to make the volume lower, or right to make it higher.
3. Touch **OK** to save the adjustment.

### 13.3.3 Changing the Phone Ringtone

1. On the **Settings** screen, touch **Sound > Phone ringtone**.
2. Touch the ringtone you want to use, and then touch **OK**. The ringtone plays when selected.

### 13.3.4 Changing the Message Ringtone

1. On the Home screen, touch  > **Messaging**.
2. In the message list, touch  > **Settings > Select ringtone**.
3. Touch the ringtone you want to use, and then touch **OK**. The ringtone plays when selected.

## 13.4 Setting Phone Services

### 13.4.1 Customizing Call Settings

Your mobile phone service provider offers different services such as call forwarding, call waiting, fixed dialing numbers, and voicemail. You can customize many of these services if they are part of your calling plan.

On the **Settings** screen, touch **Call settings** to customize your call functions.

### 13.4.2 Turning on Data Roaming

1. On the **Settings** screen, touch **Wireless & networks > Mobile networks**.
2. Select the **Data roaming** check box.

ⓘ Accessing data services while roaming may incur additional charges. Ask your wireless service provider about data roaming fees.

### 13.4.3 Switching off the Data Service

1. On the **Settings** screen, touch **Wireless & networks > Mobile networks**.
2. Clear the **Data enabled** check box.

## 13.5 Setting Text-to-Speech

Use the Text-to-Speech settings to configure the Android text-to-speech synthesizer, for applications that can take advantage of this feature.

### 13.5.1 Installing Voice Data

1. On the **Settings** screen, touch **Voice input & output > Text-to-speech settings > Install voice data**.
2. If your mobile phone does not have speech synthesizer data installed, connect to Android Market and let it guide you through the process of downloading and installing the data.
3. Follow the instructions to install the voice data.

## 13.5.2 Adjusting the Speech Rate

1. On the **Settings** screen, touch **Voice input & output > Text-to-speech settings > Speech rate**.
2. Select a speed at which the text is to be spoken.

# 13.6 Protecting Your Mobile Phone

To keep your data more secure, lock the screen and/or require a screen unlock pattern every time your mobile phone is turned on or wakes up from sleep mode.

## 13.6.1 Turning on Your SIM Card PIN

1. On the **Settings** screen, touch **Location & security > Set up SIM card lock**.
2. Select the **Lock SIM card** check box.
3. Use the keyboard to enter the SIM card PIN, and then touch **OK**.
4. To change the SIM card PIN at any time, touch **Change SIM PIN**.

❗ You can dial emergency numbers any time from your mobile phone.

## 13.6.2 Protecting Your Mobile Phone with a Screen Lock Pattern

You can set up a screen lock pattern to lock your phone.

1. On the **Settings** screen, touch **Location & security > Set up screen lock > Pattern**.
2. Flicking your finger vertically, horizontally or diagonally, connect at least four dots in any order you choose. Lift your finger from the screen when you are finished.

You must flick your finger on the screen to create the pattern, not simply touch individual dots.

3. Your mobile phone will record the pattern. Touch **Continue**.
  4. When prompted, draw the screen unlock pattern again, and then touch **Confirm**.
- To change your unlock screen pattern, touch **Location & security > Change screen lock**.

### 13.6.3 Protecting Your Mobile Phone with a numeric PIN

You can set up a numeric PIN to lock your phone.

1. On the **Settings** screen, touch **Location & security > Set up screen lock > PIN**.
2. Enter at least four characters.
3. Touch **Continue**.
4. Enter the same characters again and touch **OK**.

To change your PIN, touch **Location & security > Change screen lock**.

### 13.6.4 Unlocking Your mobile phone if you forget the lock pattern

If you have already created a Google account, you can unlock your mobile phone by the following methods.

- After you have entered the wrong sequence five times, a **Forgot pattern?** button will appear. Touch this button to enter the Google account interface. After you have entered your Google account password, you will be able to reset the unlock pattern.
- After you have entered the wrong pattern twenty times, you will be taken directly to the Google account interface. After you have entered your Google account password, you will be able to reset the unlock pattern.

## 13.7 Managing Applications

### 13.7.1 Viewing an Installed Application

1. On the **Settings** screen, touch **Applications > Manage applications**.
2. In the applications list, do any of the following:
  - Touch  , and then touch **Sort by size**. Then touch an application to view its details.
  - Touch an application directly to view its details.

### 13.7.2 Uninstalling an Application

1. On the **Settings** screen, touch **Applications > Manage applications**.
2. Touch an application, and then touch **Uninstall**.

- You can also touch and hold an item on the Home screen until the **Select action** menu is displayed, and then touch **Uninstall application** to uninstall the application.

### 13.7.3 Moving an Application to microSD card

Some applications are designed to be stored on your phone's USB storage or SD card (depending on your model of phone), rather than in internal storage. Others are designed so you can change where they are stored. You may find it helpful to move large applications off of your internal storage, to make more room for other applications that don't offer the option.

1. On the **Settings** screen, touch **Applications > Manage applications**.
2. Touch an application in the list. Then touch **Move to SD card** to move the bulk of the application from the phone's internal storage.

The Storage section of the application's details screen shows details about the memory used by the application. If the application can be moved, the Move button is active.

Touch **Move to phone** to move the application back to the phone's internal storage.

### 13.7.4 Ways to Free Up Your Mobile Phone Memory

- Move files and email attachments to the microSD card.
- In **Browser**, clear all temporary Internet files and Browser history information.
- Move application to microSD card.
- Uninstall any downloaded programs that you no longer use.


## 13.8 Using All Backup

You can back up data using **All Backup** It provides the following options: **Backup to SD**, **Restore from SD**, and **Quick Backup**.

### 13.8.1 Backing up data by using Backup to SD

1. On the Home screen, touch  > **All Backup**.
2. Touch **Backup to SD**.
3. Enter a file name in the **Filename:** field.

4. In the **Backup contents:** field, select the contents you want to back up.
5. Touch **Backup** to back up the selected data.

 To cancel the backup, touch **Cancel**.

## 13.9 Resetting Your Mobile Phone

### 13.9.1 Backing Up My Data

You can use your Google account to back up your mobile phone's settings to Google servers. If you replace your mobile phone, the settings you have backed up will be transferred to the new mobile phone the first time you sign in to your Google account.

1. On the **Settings** screen, touch **Privacy**.
2. Select the **Back up my data** check box.

### 13.9.2 Restoring Factory Data

If you reset your phone to the settings that were configured at the factory, all of your personal data stored on the phone, including information about your Google Account, any other accounts, your system and application settings, and any applications you have downloaded will be erased. Resetting the phone does not erase any system software updates you have downloaded or any files on your microSD card, such as music clips or photos.

1. On the **Settings** screen, touch **Privacy > Factory data reset**.
2. When prompted, touch **Reset phone**, and then touch **Erase everything**. The mobile phone resets the settings to the original factory settings, and then restarts.

## 14 Appendix

### 14.1 Warnings and Precautions

This section contains important information pertaining to the operating instructions of your device. It also contains information about how to use the device safely. Read this information carefully before using your device.

#### **Electronic Device**

Power off your device if using the device is prohibited. Do not use the device when using the device causes danger or interference with electronic devices.

## **Medical Device**

- Follow rules and regulations set forth by hospitals and health care facilities. Do not use your device when using the device is prohibited.
- Pacemaker manufacturers recommend that a minimum distance of 15 cm be maintained between a device and a pacemaker to prevent potential interference with the pacemaker. If you are using a pacemaker, use the device on the opposite side of the pacemaker and do not carry the device in your front pocket.

## **Potentially Explosive Atmosphere**

Power off your device in any area with a potentially explosive atmosphere, and comply with all signs and instructions. Areas that may have potentially explosive atmospheres include the areas where you would normally be advised to turn off your vehicle engine. Triggering of sparks in such areas could cause an explosion or a fire, resulting in bodily injuries or even deaths. Do not power on your device at refueling points such as service stations. Comply with restrictions on the use of radio equipment in fuel depots, storage, and distribution areas, and chemical plants. In addition, adhere to restrictions in areas where blasting operations are in progress. Before using the device, watch out for areas that have potentially explosive atmospheres that are often, but not always, clearly marked. Such locations include areas below the deck on boats, chemical transfer or storage facilities, and areas where the air contains chemicals or particles such as grain, dust, or metal powders. Ask the manufacturers of vehicles using liquefied petroleum gas (such as propane or butane) whether this device can be safely used in their vicinity.

## **Traffic Security**

Observe local laws and regulations while using the device. In addition, if using the device while driving a vehicle, comply with the following guidelines:

- Concentrate on driving. Your first responsibility is to drive safely.
- Do not talk on the device while driving. Use hands-free accessories.
- When you have to make or answer a call, park the vehicle at the road side before using your device.
- RF signals may affect electronic systems of motor vehicles. For more information, consult the vehicle manufacturer.

- In a motor vehicle, do not place the device over the air bag or in the air bag deployment area. Otherwise, the device may hurt you owing to the strong force when the air bag inflates.
- Do not use your device while flying in an aircraft. Power off your device before boarding an aircraft. Using wireless devices in an aircraft may cause danger to the operation of the aircraft and disrupt the wireless telephone network. It may also be considered illegal.

### **Operating Environment**

- Do not use or charge the device in dusty, damp, and dirty places or places with magnetic fields. Otherwise, it may result in a malfunction of the circuit.
- The device complies with the RF specifications when the device is used near your ear or at a distance of 1.5 cm from your body. Ensure that the device accessories such as a device case and a device holster are not composed of metal components. Keep your device 1.5 cm away from your body to meet the requirement earlier mentioned.
- On a stormy day with thunder, do not use your device when it is being charged, to prevent any danger caused by lightning.
- When you are on a call, do not touch the antenna. Touching the antenna affects the call quality and results in increase in power consumption. As a result, the talk time and the standby time are reduced.
- While using the device, observe the local laws and regulations, and respect others' privacy and legal rights.
- Keep the ambient temperature between  $-10^{\circ}\text{C}$  and  $45^{\circ}\text{C}$  while the device is being charged. Keep the ambient temperature between  $-10^{\circ}\text{C}$  to  $45^{\circ}\text{C}$  for using the device powered by a battery.

### **Prevention of Hearing Damage**

Using a headset at high volume can damage your hearing. To reduce the risk of damage to hearing, lower the headset volume to a safe and comfortable level.

### **Safety of Children**

Comply with all precautions with regard to children's safety. Letting the child play with your device or its accessories, which may include parts that can be detached from the device, may be dangerous, as it may present a choking hazard. Ensure that small children are kept away from the device and accessories.



## Accessories

Choose only batteries, chargers, and accessories approved for use with this model by the device manufacturer. The use of any other type of battery, charger, or accessory may invalidate any warranty for the device, may be in violation of local rules or laws, and may be dangerous. Please contact your dealer for information about the availability of approved batteries, chargers, and accessories in your area.

### Battery and Charger

- Unplug the charger from the electrical plug and the device when not in use.
- The battery can be charged and discharged hundreds of times before it eventually wears out. When the standby time and the talk time are shorter than the normal time, replace the battery.
- Use the AC power supply defined in the specifications of the charger. An improper power voltage may cause a fire or a malfunction of the charger.
- Do not connect two poles of the battery with conductors, such as metal materials, keys, or jewelries. Otherwise, the battery may be short-circuited and may cause injuries and burns on your body.
- If battery electrolyte leaks out, ensure that the electrolyte does not touch your skin and eyes. When the electrolyte touches your skin or splashes into your eyes, wash your eyes with clean water immediately and consult a doctor.
- If there is a case of battery deformation, color change, or abnormal heating while you charge or store the battery, remove the battery immediately and stop using it. Otherwise, it may lead to battery leakage, overheating, explosion, or fire.
- If the power cable is damaged (for example, the cord is exposed or broken), or the plug loosens, stop using the cable at once. Otherwise, it may lead to an electric shock, a short circuit of the charger, or a fire.
- Do not dispose of batteries in fire as they may explode. Batteries may also explode if damaged.
- Do not modify or remanufacture, attempt to insert foreign objects into the battery, immerse or expose to water or other liquids, expose to fire, explosion or other hazard.
- Avoid dropping the device or battery. If the device or battery is dropped, especially on a hard surface, and the user suspects damage, take it to a qualified service center for inspection.

- Improper battery use may result in a fire, explosion or other hazard.
- Promptly dispose of used batteries in accordance with local regulations.
- The device should only be connected to products that bear the USB-IF logo or have completed the USB-IF compliance program.

## **Cleaning and Maintenance**

- The device, battery, and charger are not water-resistant. Keep them dry. Protect the device, battery, and charger from water or vapor. Do not touch the device or the charger with a wet hand. Otherwise, it may lead to a short circuit, a malfunction of the device, and an electric shock to the user.
- Do not place your device, battery, and charger in places where they can get damaged because of collision. Otherwise, it may lead to battery leakage, device malfunction, overheating, fire, or explosion.
- Do not place magnetic storage media such as magnetic cards and floppy disks near the device. Radiation from the device may erase the information stored on them.
- Do not leave your device, battery, and charger in a place with an extreme high or low temperature. Otherwise, they may not function properly and may lead to a fire or an explosion. When the temperature is lower than 0°C, performance of the battery is affected.
- Do not place sharp metal objects such as pins near the earpiece. The earpiece may attract these objects and hurt you when you are using the device.
- Before you clean or maintain the device, power off the device and disconnect it from the charger.
- Do not use any chemical detergent, powder, or other chemical agents (such as alcohol and benzene) to clean the device and the charger. Otherwise, parts of the device may be damaged or a fire can be caused. You can clean the device and the charger with a piece of damp and soft antistatic cloth.
- Do not dismantle the device or accessories. Otherwise, the warranty on the device and accessories is invalid and the manufacturer is not liable to pay for the damage.
- If the device screen is broken by colliding with hard objects, do not touch or try to remove the broken part. In this case, stop using the device immediately, and then contact an authorized service center in time.

## Emergency Call

You can use your device for emergency calls in the service area. The connection, however, cannot be guaranteed in all conditions. You should not rely solely on the device for essential communications.

## Certification Information (SAR)

This device meets guidelines for exposure to radio waves.

Your device is a low-power radio transmitter and receiver. As recommended by international guidelines, the device is designed not to exceed the limits for exposure to radio waves. These guidelines were developed by the independent scientific organization International Commission on Non-Ionizing Radiation Protection (ICNIRP) and include safety measures designed to ensure safety for all users, regardless of age and health.

The Specific Absorption Rate (SAR) is the unit of measurement for the amount of radio frequency energy absorbed by the body when using a device. The SAR value is determined at the highest certified power level in laboratory conditions, but the actual SAR level of the device when being operated can be well below the value. This is because the device is designed to use the minimum power required to reach the network.

The SAR limit adopted by USA and Canada is 1.6 watts/kilogram (W/kg) averaged over one gram of tissue. The highest SAR value reported to the FCC and IC for this device when tested for use at the ear is 1.168 W/kg, when properly worn on the body is 0.883 W/kg, and when using Wi-Fi hotspot function is 0.946 W/Kg.

The SAR limit also adopted by Europe is 2.0 W/kg averaged over 10 grams of tissue. The highest SAR value for this device type when tested at the ear is 1.172 W/kg, and when properly worn on the body is 1.168 W/kg.

## FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.



Changes or modifications made to this device not expressly approved by Huawei Technologies Co., Ltd. may void the FCC authorization to operate this device.

### **Disposal and Recycling Information**



This symbol on the device (and any included batteries) indicates that they should not be disposed of as normal household garbage. Do not dispose of your device or batteries as unsorted municipal waste. The device (and any batteries) should be handed over to a certified collection point for recycling or proper disposal at the end of their life.

For more detailed information about the recycling of the device or batteries, contact your local city office, the household waste disposal service, or the retail store where you purchased this device.

The disposal of this device is subject to the Waste from Electrical and Electronic Equipment (WEEE) directive of the European Union. The reason for separating WEEE and batteries from other waste is to minimize the potential environmental impacts on human health of any hazardous substances that may be present.

### **Reduction of Hazardous Substances**

This device is compliant with the EU Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) Regulation (Regulation No 1907/2006/EC of the

European Parliament and of the Council) and the EU Restriction of Hazardous Substances (RoHS) Directive (Directive 2002/95/EC of the European Parliament and of the Council). For more information about the REACH compliance of the device, visit the Web site [www.huaweidevice.com/certification](http://www.huaweidevice.com/certification). You are recommended to visit the Web site regularly for up-to-date information.

### EU Regulatory Conformance

Hereby, Huawei Technologies Co., Ltd. declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. For the declaration of conformity, visit the Web site [www.huaweidevice.com/certification](http://www.huaweidevice.com/certification).

CE 0678 !

ⓘ Observe the national local regulations in the location where the device is to be used. This device may be restricted for use in some or all member states of the European Union (EU).

ⓘ This device may be operated in all member states of the EU.

**France:** Outdoor use limited to 10 mW e.i.r.p. within the band 2454-2483.5 MHz.

**Italy:** For private use, a general authorisation is required if WAS/RLAN's are used outside own premises. For public use, a general authorisation is required.

**Luxembourg:** General authorisation required for network and service supply.

**Norway:** This subsection does not apply for the geographical area within a radius of 20 km from the centre of Ny-Ålesund.

## 13.2 FAQ

### How do I set a song as phone ringtone?

In the media library, touch and hold the song to be set as ringtone, and then touch **Set as ringtone**.

### How do I prevent automatic switching of orientation when rotating phone?

Touch  > **Settings** > **Display** > **Auto-rotate screen** to disable the function.

### **How do I set the unlock pattern?**

Touch  > **Settings** > **Location & security** > **Set up screen lock** > **Pattern**.

### **How can I change the keyboard mode?**

Touch and hold the area where you write text and then select the input method you prefer.

### **How do I stop the song playing in the background?**

Touch the notification bar, flick downwards to open the notifications panel, and then touch the music playing notification to go to the music playing screen.

### **How do I return to the calling screen?**

While on a call, if you're on another screen, you can touch the notification bar, and drag downwards to open the notifications panel. Then touch the current call notification to return to the calling screen.

### **How do I create an application shortcut on the Home screen?**

Touch and hold an application icon on the main menu screen until the Home screen is displayed. Then drag the icon where you want it to go and release your finger.

### **How do I hide the keyboard?**

Touch  to hide the keyboard.