

3. Touch **Configure Wi-Fi hotspot**.

4. Name the Wi-Fi hotspot.

5. Select an encryption mode.

 It is recommended that you set the encryption mode to WPA2PSK to better secure the Wi-Fi network.

6. Set the key to the Wi-Fi hotspot.

When other devices want to access your phone's network, this key must be entered.

7. Select the **Mobile hotspot** check box.

8. You can now search for and access your phone's Wi-Fi network from other devices.

## 7.4 Controlling Data Usage

With **Data usage**, you can set a data usage cycle and the mobile data limit for this period. You will be notified when data usage reaches the set limit. You can also query the data usage within a certain period or by a certain application.

On the Home screen, touch  > **Settings**, under **WIRELESS & NETWORKS**, touch **More...** > **Data usage** to configure the data usage settings.


- Touch **Mobile data** to turn on or off the mobile data function. The mobile data function must be turned on to configure data control and query data usage.
- Select the **Set mobile data limit** check box. When data traffic reaches the preset limit, your phone's mobile data connection will be disabled.
- Touch the scroll arrow beside **Data usage cycle**, then **Change cycle...** After setting the data usage cycle, touch **Set**.
- Drag the red line to set a data usage limit or the orange line to set a warning limit. When data traffic reaches the yellow line, you will be notified; when data traffic reaches the red line, your phone's mobile networks data connection will be disabled.
- Scroll the white time axis to view data usage within a certain period.
- Touch an application to check its data usage.


## 7.5 Browser

Your mobile phone comes with an Internet browser pre-installed.

### 7.5.1 Basic Operations

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

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

Touch  on the upper section of the screen, and all web pages currently open are displayed. You can:


- Touch one page to enlarge it.

- Touch the cross sign (×) to close that page.
- Touch (+) to open a new browser window.


Touch  to open the browser options menu and perform one of the following operations:

- **Bookmarks:** Touch to display bookmarks.
- **Refresh:** Touch to refresh the current webpage.
- **Forward:** Touch to navigate to the web page from which you returned to the current web page.

## 7.5.2 Opening a Webpage

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


## 7.5.3 Setting a Home Page

1. In a browser window, touch .
2. Touch **Settings** > **General** > **Set homepage**.
3. Select one page from the list, or touch **Other** to enter desired homepage's URL, 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 window, go to the webpage you want to save as a bookmark.
2. Touch , and then touch **Save to bookmarks**.
3. Edit the bookmark name and then touch **OK**.

### Opening a Bookmark

1. In a browser window, touch , then **Bookmarks**  
On the **Bookmarks** screen, touch the **HISTORY** tab to view the pages you have visited, or touch **SAVED PAGES** to view saved pages.
2. Touch the bookmark of the website you want to open.

## 7.5.5 Customizing Browser Settings

Customize the browser to suit your browsing style. Use **Browser** to set page content, privacy, and security preferences. In a browser window, touch , and then touch **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 from your phone to your PC.


If you are using Bluetooth, remember to stay within 10 meters (33 feet) of the other Bluetooth devices to which you want to connect. 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. Under **WIRELESS & NETWORKS**, touch the button next to **Bluetooth**. When Bluetooth is turned on, the Bluetooth icon appears in the notification bar.

3. Touch **Bluetooth**, and your device's Bluetooth name is displayed on the screen.

Touch  > **Rename phone** to change your device's name, and then touch **Rename**.

### 7.6.2 Pairing with and Connecting to a Bluetooth Device

You can do the following by using the Bluetooth:

- 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 over a Bluetooth connection.
- Advanced Audio Distribution Profile (A2DP): allows you to use a stereo Bluetooth headset.
- AV Remote Control Profile (AVRCP): allows you to remotely control audio playing using a Bluetooth headset.

Perform the following steps to pair your mobile phone with another Bluetooth device:



1. Ensure that the Bluetooth function on your mobile phone is enabled.
2. Under **WIRELESS & NETWORKS**, touch **Bluetooth**. Your mobile phone will then scan for Bluetooth devices in range.
3. From the list of found devices, touch the device you want to pair your mobile phone with.
4. If prompted, enter the pairing password to complete the connection.

### 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:

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**, then **Bluetooth** to select a paired device.

## 7.6.4 Disconnecting from or Unpairing with a Bluetooth Device


1. Touch  > **Settings**.
2. Under **WIRELESS & NETWORKS**, touch **Bluetooth**.
3. Navigate to the **Paired devices** section, and then touch  .
4. Touch **Unpair** to disconnect from the device.


# 8 Email

Your mobile phone also puts email at your fingertips. With your phone's **Email** application, you can use your email account with Yahoo!, AOL, or other popular email services on your phone.

## 8.1 Adding an Email Account

When using the **Email** application for the first time, you must configure an email account. The Email setup wizard helps you to configure your account. A number of popular email providers are supported. You can work with the same email service that you use on your PC or you can select another email service.

1. On the Home screen, touch  > **Email**.
2. Touch the email service provider you want to use, or touch **Others** to enter an email address and password, then touch **Next**.
3. Follow the onscreen instructions to set parameters such as POP3, IMAP, and account. If you do not know how to set the parameters, contact your email service provider or search online.
4. Touch **Next**, and the **Inbox** of the newly configured email account will be displayed.


After creating your initial email account, touch  > **Settings** > **ADD ACCOUNT** on the **Inbox** screen to add more email accounts.

## 8.2 Switching Between Email Accounts

On the **Inbox** screen, touch the email address bar on the top, and choose an email account from the email account list displayed. The selected account's **Inbox** is then displayed by default.

## 8.3 Viewing an Email Message

On the **Inbox** screen, touch the email message you want to view.


You can also touch  and select another folder to view.

## 8.4 Saving an Email Attachment

1. On the **Inbox** screen, touch the email message you want to view.
2. Touch the attachment tab to display the attachment.
3. Touch **SAVE** to download the attachment.


After being downloaded, the attachment is saved in the **Download** folder on the microSD card.

## 8.5 Creating and Sending an Email Message



1. On the **Inbox** screen, touch .
2. In the **To** field, enter the recipient's name or email address.
3. Enter the subject of your message and compose the message.

To send an attachment with the message, touch .


4. Touch .

If you are not ready to send the message, touch  > **Save draft** or  to save the message as a draft.

## 8.6 Replying to an Email Message


1. On the **Inbox** screen, touch the email message to which you want to reply.
2. Touch  or  > **Reply all** to reply to the email message.


## 8.7 Deleting an Email Account

1. On the **Inbox** screen, touch  > **Settings** to enter the account configuration screen.
2. Select an email account.
3. In the menu at the bottom, touch **Remove account** then touch **OK**.

## 8.8 Changing Email Account Settings

You can change a number of account settings, including the email checking frequency, new mail notification method, and details about the account's email sending and receiving servers.

-  Your account's incoming and outgoing settings depend on the kind of email service you are using. You can enter the necessary details manually, although you may need to contact your email service provider to obtain the correct information.

1. On the **Inbox** screen, touch  > **Settings** to enter the account configuration screen.
2. Select an email account.
3. Change the account settings, such as **DATA USAGE**, **NOTIFICATION SETTINGS**, and **SERVER SETTINGS**.



## 9 Entertainment

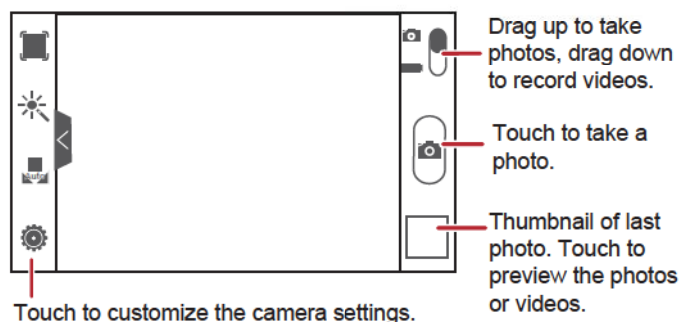
In addition to being a communication device and personal assistant, your mobile phone also provides you with a multitude of entertainment possibilities. You can take photos, create videos and audio clips, and download and listen to music.

### 9.1 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.

#### 9.1.1 Opening Your Camera

- Touch  > **Camera** to open the camera.
- Touch  to close the camera.







#### 9.1.2 Taking a Photo



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

Photos taken are displayed for a moment. You can take another photo or review your photos.





### 9.1.3 Viewing Your Photos

1. After taking a photo, a thumbnail of the photo you have just taken is shown in the lower right corner of the capture screen. Touch the thumbnail to view the photo.
2. Touch the onscreen buttons for the following functions:
  - Touch   to send the photo via Bluetooth.
  - Touch   to send the photo via a multimedia message.

### 9.1.4 Recording a Video

1. Open the camera application, and then switch it to camcorder mode.
2. If necessary, change the camcorder settings.
3. Frame the scene with which you want to start your video.
4. Touch  to start recording a video.
5. Touch  to stop recording.

### 9.1.5 Viewing Your Videos

1. After recording a video, a thumbnail of the video you have just recorded is shown in the lower right corner of the capture screen. Touch the thumbnail to view it.
2. Touch the onscreen button to do any of the following:
  - Touch   to send the video via Bluetooth.
  - Touch   to send the video via a multimedia message.
3. If you want to view more videos, flick your finger left or right across the screen.

## 9.2 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.


### 9.2.1 Opening the Gallery

On the Home screen, touch  > **Gallery**.


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

## 9.2.2 Viewing a Picture


1. In **Gallery**, touch the folder that contains the pictures you want to view.
2. Touch the picture to view it in full-screen mode.

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

## 9.2.3 Rotating a Picture

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

## 9.2.4 Cropping a Picture

1. When viewing a picture, touch  to display the operation panel, and then touch **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.
3. Touch **SAVE** to save the cropped picture. Touch **CANCEL** to discard the changes.

# 9.3 Enjoying Music

Before you using music player, you must copy music files from your computer to the microSD card.

Once you have done this, the player will search for music on the microSD card. After the search is complete, you will be able to view all available music files in the music library.

## 9.3.1 Copying Music to the microSD Card

1. Connect your mobile phone to your PC 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, **Play Music**).
4. Copy music from your PC to the folder you have created.
5. After copying the music, unmount or eject the drive as required by your PC's operating system to safely disconnect your phone from the PC.
6. Disconnect your mobile phone from the PC.

## 9.3.2 Opening the Media Library

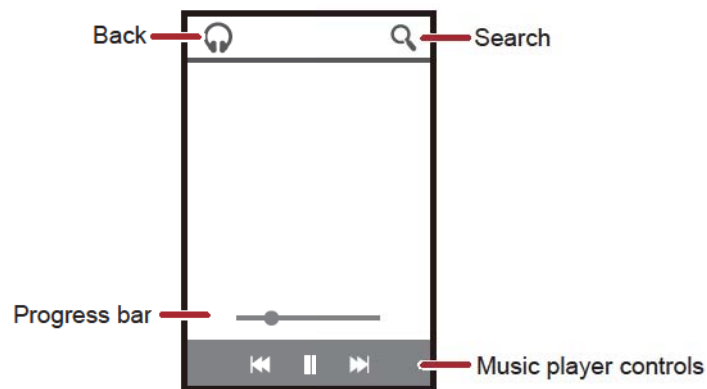
Touch  > **Play Music** to display the media library.




The **Play Music** application organizes your music files by storage location. It contains six tabs: **PLAYLISTS**, **RECENT**, **ARTISTS**, **ALBUMS**, **SONGS** and **GENRES**.

### 9.3.3 Playing Music

1. Touch a category on the music library screen.
2. Touch the song you want to play.



When you are listening to music, touch  to use another application. Your music continues to play. To return to the music controls, open the notification panel and then touch the song.

### 9.3.4 Adding Music to a Playlist

1. Touch a category on the music library screen.
2. In the list that appears, select the song you want to add to the playlist.
3. Touch and hold the song, and then touch **Add to playlist** in the options menu.
  - Touch an existing playlist to add the song to it.
  - Touch **New playlist** to create a playlist and add the song to it.


### 9.3.5 Playing a Playlist

1. Touch the **PLAYLISTS** tab on the music library screen.
2. Touch and hold the playlist you want to play.
3. Touch **Play** to play the playlist.

## 9.4 Listening to the FM Radio





The FM radio lets you listen to FM radio programs on your mobile phone. Since the FM radio uses the provided wired stereo headset as its antenna, before opening the application, connect the headset to your phone's the audio jack.

## 9.4.1 Opening the FM Radio

1. On the Home screen, 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.

## 9.4.2 Tuning the FM Radio

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

- Touch  or  to tune the radio to the previous or next channel.
- Slide the knob left or right to perform precision tuning. When a channel is found, touch , then **Save station**. Enter the channel name, touch **OK**, and then select an empty channel to save the new channel to the channel list.
- Touch  > **Auto tuning** to scan automatically for available FM channels.

# 10 Google Services

-  Availability of Google applications, services, and features may vary according to your country or carrier. Please follow 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 **Play Store**, and you will be prompted to sign in to your Google account.

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

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

## 10.1 Creating a Google Account

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


1. After reading the setup information, touch **New**.
2. Enter the first name, last name, and then touch .
3. Enter the user name for your Google account, and then touch . The mobile phone will connect to a 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, and then touch .
5. Select a security question from the drop-down menu, and then enter the answer, and then touch .
6. Enter the characters that appear on the screen, and then touch .

-  To use another Google account, go to the **Settings** screen, and touch **Add account** to select which type of accounts you want to add.

## 10.2 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** web account.


### 10.2.1 Opening Gmail

On the Home screen, touch  > **Gmail**. The **Inbox** mail list appears. Any emails you decide to keep on your mobile phone will go to your **Inbox** folder.

### 10.2.2 Switching Between Accounts

On the **Inbox** screen, touch the gmail address bar on the top, and choose a gmail account from the gmail account list displayed. The selected account's **Inbox** is then displayed by default.


### 10.2.3 Creating and Sending an Email

1. In the mail list, touch .
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 email.



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

4. After writing your email, touch .

### 10.2.4 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 all** or **Forward**.
3. Do one of the following:
  - If you selected  or **Reply all**, enter your message.
  - If you selected **Forward**, specify the message recipients and add any additional text you want to include in the forwarded message.
4. Touch  to send, or touch  to save as a draft.

### 10.2.5 Searching for an Email

1. In the mail list, touch .
2. Enter the search keywords in the box, and then touch .

## 10.2.6 Customizing Your Gmail Settings


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

## 10.3 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.

### 10.3.1 Opening Talk

On the Home screen, touch  > **Talk** to open the application.

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


### 10.3.2 Adding a Friend

1. In the friends list, touch .
2. Enter the Gmail address of the friend you want to add.
3. Touch .


### 10.3.3 Accepting an Invitation

1. 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**.

### 10.3.4 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 .

### 10.3.5 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  > **Settings**. Then touch the account that you want to set. 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>Notification 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> . |

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## Vibrate

Select the check box to make your mobile phone vibrate when you receive a new instant message.

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### 10.3.6 Signing out of Talk


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

## 10.4 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. You can view satellite images, traffic maps, or other kinds of maps of your current or other locations.

### 10.4.1 Enabling the Location Service


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

1. On the Home screen, touch  > **Settings**.
2. Touch **Location services**.
3. Select the **Google's location service** check box, the **GPS satellites** check box, or both.



### 10.4.2 Opening Maps

On the Home screen, touch  > **Maps** to open the application.

### 10.4.3 Searching for Places of Interest

1. On the map, touch .
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.


### 10.4.4 Getting Directions

1. While viewing a map, touch .
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 **GET DIRECTIONS**. 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 then touch **Clear Map** to reset the map.


## 10.5 YouTube

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

### 10.5.1 Opening YouTube

On the Home screen, touch  > **YouTube**. You will then see the YouTube screen.

### 10.5.2 Searching for a Video

1. On the **YouTube** screen, touch .
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.

### 10.5.3 Sharing a Video

From the video list on the **YouTube** screen, select a video clip and touch  to share the video.

## 10.6 Play Store

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



### 10.6.1 Opening Play Store

1. On the Home screen, touch  > **Play Store**.
2. When you open **Play Store** for the first time, the **Google Play Terms of Service** window will appear. Touch **Accept** to continue.


### 10.6.2 Installing an Application

1. In the **Play Store**, select a category, and then touch the application you want to download. On the application details screen, you can view more information about the selected application, such as its cost, overall rating, user comments, and similar applications in which you might be interested. You can also scroll down to view information about the application developer, including other applications from the same developer and a link to the developer's website. In addition, you can send the developer an email.
2. To install the application, touch **Install** (if it is free) or touch the button with its price (if it is not free), and confirm your download or purchase.
3. To check the progress of a download, open the notification panel. Most applications are installed within seconds. To stop an application from downloading, touch the cross (×).

After the application has been downloaded and installed on your mobile phone, the content download icon appears in the notification bar.

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


### 10.6.3 Uninstalling an Application

1. On the **Play Store** 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.

## 11 Accounts and synchronization

You can synchronize data on your phone, such as contacts, emails, and events, to and from the web.



### 11.1 Adding an Account

1. On the Home screen, touch  > **Settings** > **All**.
2. In the **ACCOUNTS** area, touch **Add account**.
3. Select an account type.
4. Follow the onscreen instructions to enter your account information.
5. Configure the account and set the type of data you wish to synchronize.


When an account is set up, it appears in the **ACCOUNTS** area.

 The types of data you can set to synchronize to your phone vary by account type.

### 11.2 Deleting an Account

1. On the Home screen, touch  > **Settings** > **All**.
2. In the **ACCOUNTS** area, select an account type.
3. Select the account you wish to delete.
4. Touch  > **Remove account**.
5. In the displayed dialog box, touch **Remove account**.


### 11.3 Turning on data synchronization

1. On the Home screen, touch  > **Settings**.
2. In the **ACCOUNTS** area, touch **Email**.
3. Select the account you wish to synchronize.

4. Touch **Sync Email** to turn on data synchronization.

❗ You can touch  > **Sync now** to have the account synchronize data from the web in the background.

## 11.4 Changing an Account's Synchronization Settings

1. On the Home screen, touch  > **Settings**.
2. In the **ACCOUNTS** area, touch **Google**.
3. Select the account whose synchronization settings you wish to modify.

The **Sync settings** area displays data you can synchronize.


4. Select the data you wish to synchronize.

# 12 Using Other Applications

## 12.1 Calendar

**Calendar** enables you 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.

### 12.1.1 Opening Calendar

On the Home screen, touch  > **Calendar** to open the application.

### 12.1.2 Creating an Event

1. In any calendar view, touch , and then touch **New event**.

❗ If you have more than one calendar, select the calendar where you want to save the event.


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. Specify in **REPETITION** whether the event recurs and, if it does, how frequently, and then set the time for your event reminder in **REMINDERS**.


5. Touch **SAVE**.

 To quickly create an event in the day or week 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.

### 12.1.3 Setting an Event Reminder


1. In 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, from the list displayed, 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.

### 12.1.4 Setting Synchronization and Display

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.)

1. In any calendar view, touch  > **Calendars to display**.
-  If you have an account to be synchronized to your phone, the account will be displayed in the **Calendars to display** list.
2. Touch  > **Calendars to sync**.
3. Select the accounts you want to synchronize to enable their calendar synchronization function.

### 12.1.5 Customizing Calendar Settings

In any calendar view, touch  > **Settings**. Follow the onscreen instructions to configure the calendar settings.

## 12.2 File Manager


**File Manager** is like having a pocket-sized personal assistant (PA), letting you organize, edit, and delete files and folders.

### 12.2.1 Opening File Manager

On the Home screen, touch  > **File Manager** to open the application.

-  Before performing operations on the **SD card** list, ensure that a microSD card is inserted.




### 12.2.2 Creating a Folder

1. On the **File Manager** screen, touch **Internal** or **SD card**.
2. Touch  > **New folder**.
3. Enter the name of the new folder in the text box.
4. Touch **Save**.

### 12.2.3 Moving or Copying a File

1. On the **File Manager** screen, touch **Internal** or **SD card**.
2. Touch and hold the file you wish to copy or cut.
3. From the displayed option menu, choose **Cut** or **Copy**.
4. Select where you wish to paste the file.
5. Touch **Paste**.

### 12.2.4 Searching for a File

1. On the **File Manager** screen, touch **Internal** or **SD card**, and then touch a folder to access the directory where the file you want is located.
2. Touch  > **Search** to enter part or all of the file name.
3. Touch  in the lower right corner of the keyboard.
4. A list of search results will be displayed. Touch a file in the list to open it.
5. Touch  to return to the file manager screen.


### 12.2.5 Compressing or decompressing files

You can compress files into .zip files to save space or decompress .zip and .rar files.

1. On the **File Manager** screen, touch **Internal** or **SD card**.
2. Touch and hold the file or folder you wish to compress.
3. From the displayed option menu, choose **Compress**.
4. Select the save path of the compressed file and name the file.
5. Touch **OK**.

To decompress a file, touch and hold it and choose **Extract** from the displayed option menu.

### 12.2.6 Viewing Your Memory Status

On the **File Manager** screen, touch  to open the options panel, and then touch **Storage**. The memory management screen will be displayed. This screen allows you to view the memory status and available memory on your mobile phone and microSD card.

## 12.3 Clock

**Clock** displays the date and time. You can also use **Clock** to turn your mobile phone into an alarm clock.


### 12.3.1 Opening the Clock

On the Home screen, touch  > **Clock** to open the application.

## 12.3.2 Opening the Alarms


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

### Adding an Alarm

1. On the alarm list screen, touch .
2. Set the alarm time, sound, how often it repeats, and more.
3. 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 enable the phone to 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**.

## 12.4 Calculator

Use **Calculator** to solve simple arithmetic problems or use its advanced operators to solve more complex equations.

### 12.4.1 Opening Calculator

On the Home screen, touch  > **Calculator** to open the application.



### 12.4.2 Switching Between Basic and Advanced panel

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


## 12.5 Notes

**Notes** features a simple text processor. In the note list, you can add, edit, and delete notes.

1. On the Home screen, touch  > **Notes** to open the application.

2. Touch  to create a note.
3. Touch  to save the note.

## 13 Managing Your Mobile Phone

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

### 13.1 Setting the Date and Time

 When your phone is using the date and time settings provided automatically by the network, you cannot change the settings.

1. On the **Settings** screen, touch **Date & time**.
2. On the settings screen, perform any of the following operations:
  - Clear the **Automatic date & time** check box to stop your phone from automatically obtaining the network date and time.
  - Clear the **Automatic time zone** check box to stop your phone from automatically obtaining the time zone from the network.
  - Touch **Set date** and flick up and down to set your phone's date.
  - Touch **Set time** and flick up and down to set your phone's time.
  - Touch **Select time zone** and select the time zone you want from the list. Scroll up or down to view more time zones.
  - Select or clear the **Use 24-hour format** check box to switch between 12-hour and 24-hour formats.
  - Touch **Select date format** to select how you want the date to be displayed.


### 13.2 Setting the Display

1. On the **Settings** screen, touch **Display**.
2. Perform any of the following operations:
  - Touch **Brightness** to set the screen brightness. To manually adjust the screen brightness, clear the **Automatic brightness** check box.
  - Touch **Auto-rotate screen** to turn the auto-rotate screen function on and off. With this function enabled, if you rotate your phone when browsing a web page, viewing an image, or writing a message, your screen orientation will automatically change to landscape or portrait view.
  - Touch **Sleep** to set a screen timeout period. If idle for the specified period of time, your phone automatically locks its screen to save battery power.
  - Touch **Font size** to change the display font size.

### 13.3 Setting Ringers

1. On the **Settings** screen, touch **Sound**.
2. On the settings screen, you can:



- Touch **Volume** and drag the sliders to set the volumes of music, ringtone, message notification tone, and more.
- Touch **Vibration** to set whether your phone vibrates when you have an incoming call, new message, new email, upcoming event, and more.
- Touch **Silent mode** to turn silent mode on or off.
- Touch **Phone ringtone** to select a ringtone.
- Touch **Notification tone** to select a tone for a new message, new email, upcoming event, and more.

 To adjust the volume, you can press the volume buttons from the home screen or most application screens (for example, the call, music, and video playback screens).

## 13.4 Setting Phone Services

### 13.4.1 Customizing Call Settings

Mobile phone service providers offer services including call forwarding, call waiting, fixed dialing numbers, and voicemail. You can customize the services included in your call fee package.

On the Home screen, touch  > **Phone**, and then touch  > **Settings** to customize call functions.

### 13.4.2 Turning on Data Roaming

1. On the **Settings** screen, touch **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 Disabling the Data Service

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

## 13.5 Configuring 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 Adjusting the Speech Rate

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

## 13.6 Protecting Your Mobile Phone

### 13.6.1 Turning on Your SIM Card PIN

1. On the **Settings** screen, touch **Security > Set up SIM/RUIM card lock**.
2. Select the **Lock SIM card** check box.
3. Use the keyboard to enter the PIN, and then touch **OK**.
4. To change the 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

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.

1. On the **Settings** screen, touch **Security > Screen lock > Pattern**.
2. Flick 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 drag your finger between the dots 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 **Security > Screen lock > Pattern**.

### 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 **Security > 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 **Security > Screen lock > PIN**.


### 13.6.4 Unlocking Your Mobile Phone If You Forget the Screen Lock Pattern

If you have already created a Google account, you can unlock your mobile phone using 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 **Manage apps**.
2. In the applications list, do either 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

 You cannot uninstall the applications that are pre-installed on the system.

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

### 13.7.3 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.
- Uninstall any downloaded programs that you no longer use.
- Reset your mobile phone.

## 13.8 Resetting Your Mobile Phone

### 13.8.1 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 **Backup & reset**.
2. Select the **Back up my data** check box.

### 13.8.2 Restoring Factory Data

If you reset your phone to its factory settings, all of your personal data stored on the phone, including information about your Google account, any other accounts that you have configured, your system and application settings, and any applications you have installed will be erased. Resetting the phone does not erase any system updates you have downloaded. Using the check box provided, you can also select to erase all the data stored on your SD card or on the phone's internal SD card, which includes files that you have downloaded or copied there, such as music or photos.

1. On the **Settings** screen, touch **Backup & reset > Factory data reset**.

2. When prompted, touch **Reset phone**, and then touch **Reset phone**. The mobile phone resets the settings to the original factory settings, and then restarts.

## 13.9 Online Update

Your mobile phone has pre-installed the online update function. When there is new software available, the version information appears and prompts you to update. You can also touch **Settings** > **About phone** > **System updates** to check whether the new software is available.

When updating:


1. Back up your personal information. All personal information will be removed after the update.
2. Make sure that your microSD card has sufficient space to store the new software version.
3. Perform the online update following the onscreen instructions.

## 14 FAQs


### How Can I Use a microSD Card to Import Contacts to My Phone from Another Phone?

Your mobile phone supports contact files in the .vcf format only.


1. Save the contacts you want to import to your mobile phone to a microSD as a .vcf file.
2. Insert the microSD card into your mobile phone and find the .vcf file using **File Manager**.
3. Touch the .vcf file. The mobile phone displays a message asking whether you want to import the contacts.
4. Touch **OK** to import the contacts.

 Compatibility problems may occur with .vcf files created by different phones, and certain contact information may be lost when contacts are imported.

### How Do I Disable Automatic Change of Screen Orientation When Rotating My Phone?

On the Home screen, touch  > **Settings** > **All** > **Display**, and then clear the **Auto-rotate screen** check box to disable this function.

### How Do I Set an Unlock Pattern?

On the Home screen, touch  > **Settings** > **All** > **Security** > **Screen lock** > **Pattern**.

### How Can I Change the Input Method?

When the keypad is displayed, a keypad icon is displayed on the status bar. Flick the status bar downwards and touch **Choose input method** to select an input method.

### How Do I Stop the Song Playing in the Background?

Flick the notification bar downwards to open the notifications panel, touch the music playing notification to go to the music playing screen, and then stop playing the song.




**How Do I Return to the Call Screen?**

If you switched to another screen during a call, flick the notification bar downwards to open the notifications panel, and then touch the current call notification to return to the call screen.

**How Do I Create an Application Shortcut on the Home Screen?**

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

**How Do I Hide the Keyboard?**

Touch  to hide the keyboard.

**How Do I Forward a Message?**

On the message viewing screen, touch and hold a message, and then select **Forward** from the displayed menu.

# 15 Warnings and precautions

This section contains important information about the operation 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 when use is prohibited. Do not use the device if doing so causes danger or interference with other electronic devices.

## Accessories

- Using an unapproved or incompatible charger or battery may cause fire, explosion or other hazards.
- Choose only batteries, chargers, and accessories approved for use with this model by the device manufacturer. The use of any other types of batteries, chargers, or accessories may void the warranty, may violate local regulations and laws, and may be dangerous. Please contact your retailer for information about the availability of approved batteries, chargers, and accessories in your area.

## Charger safety

- Unplug the charger from electrical outlets and the device when not in use.
- Do not drop or cause an impact to the charger.
- Do not touch the power cord with wet hands or pull the power cord to disconnect the charger.
- If the power cable is damaged (for example, the cord is exposed or broken), or the plug loosens, stop using it at once. Continued use may lead to electric shocks, short circuits, or fire.
- If your device has been exposed to water, other liquids, or excessive moisture, take it to an authorized service center for inspection.
- Connect the device only to products with the USB-IF logo or with USB-IF compliance program completion.
- For pluggable devices, the socket-outlet shall be installed near the devices and shall be easily accessible.

## Battery safety

- Do not connect battery poles with conductors, such as keys, jewelry, or other metal materials. Doing so may short-circuit the battery and cause injuries or burns.
- Do not solder battery poles or dismantle the battery. Doing so may lead to electrolyte leakage, excessive heat, fire, or explosion.
- Do not attempt to modify or remanufacture the battery, insert foreign objects into it, or immerse or expose it to water or other liquids. Doing so may lead to fire, explosion, or other hazards.
- Keep the battery away from excessive heat and direct sunlight. Do not place it on or in heating devices, such as microwave ovens, stoves, or radiators. Batteries may explode if overheated.
- If the battery leaks, ensure that the electrolyte does not make direct contact with your skins or eyes. If the electrolyte touches your skins or splashes into your eyes, immediately flush with clean water and consult a doctor.
- In case of battery deformation, color change, or overheating while charging or storing, immediately stop using the device and remove the battery. Continued use may lead to battery leakage, fire, or explosion.

- Do not put batteries in fire as they may explode. Damaged batteries may also explode.
- Do not drop the device or battery. If the device or battery is dropped, especially on a hard surface, and may be damaged, take it to an authorized service center for inspection.
- Improper battery use may lead to fire, explosion, or other hazards.
- Dispose of used batteries in accordance with local regulations.
- Do not smash or pierce the battery, or expose it to high external pressure. Doing so may lead to a short circuit or overheating.
- Use the battery only with a charging system that is IEEE-Std-1725 standard qualified. The use of an unqualified battery or charger may lead to fire, explosion, leakage, or other hazards.
- Replace the battery only with an IEEE-Std-1725 standard qualified battery. The use of an unqualified battery may lead to fire, explosion, leakage, or other hazards.
- Do not disassemble or open, crush, bend or deform, puncture or shred the battery. Otherwise, it may lead to electrolyte leakage, overheating, fire, or explosion.
- If the device standby and talk time shortens significantly, replace the battery.

#### **Operating environment**

- Avoid dusty, damp, or dirty environments. Avoid magnetic fields. Using or charging your device in these environments may result in circuit malfunctions.
- Do not use your device during thunderstorms to protect your device against any danger caused by lightning.
- Observe local laws and regulations, and respect the privacy and legal rights of others.
- Avoid touching the antenna when you are on a call. Touching the antenna affects call quality, increases power consumption, and reduces talk and standby time.
- Ideal operating temperatures are 0°C to 40°C. Ideal storage temperatures are 0°C to 45°C. Extreme heat or cold may damage your device or accessories.
- Do not expose your device to direct sunlight (such as on a car dashboard) for prolonged periods.
- Do not place your device or batteries on or in heating devices, such as microwave ovens, stoves, water heaters, or radiators. Batteries may explode if overheated.
- Stop using your device or applications for a while if the device is overheated. If skin is exposed to an overheated device for an extended period, low temperature burn symptoms, such as red spots and darker pigmentation, may occur.
- If your device has a camera flash, do not use it directly in the eyes of people or pets. Otherwise temporary loss of vision or damage to the eyes may occur.
- Do not allow children or pets to bite or suck the device or battery. Doing so may result in damage or explosion.

#### **Protecting your hearing when using a headset**

- To prevent possible hearing damage, do not listen at high volume levels for long periods.

- Using a headset at high volumes may damage your hearing. To reduce this risk, lower the headset volume to a safe and comfortable level.
- Exposure to high volumes while driving may cause distraction and increase your risk of an accident.

#### **Child's safety**

- Comply with all precautions with regard to child's safety. Letting children play with the device or its accessories may be dangerous. The device includes detachable parts that may present a choking hazard. Keep away from children.
- The device and its accessories are not intended for use by children. Children should only use the device with adult supervision.

#### **Interference with medical equipment**

- Follow rules and regulations set forth by hospitals and health care facilities. Do not use your device where 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 using a pacemaker, hold the device on the side opposite the pacemaker and do not carry the device in your front pocket.
- Some wireless devices may affect the performance of hearing aids or pacemakers. Consult your service provider for more information.

#### **Areas with flammables and explosives**

- Do not use the device where flammables or explosives are stored (in a gas station, oil depot, or chemical plant, for example). Using your device in these environments increases the risk of explosion or fire. In addition, follow the instructions indicated in text or symbols.
- Do not store or transport the device in containers with flammable liquids, gases, or explosives.

#### **Traffic security**

Observe local laws and regulations while using the device. If using the device while driving a vehicle, observe the following guidelines:

- Concentrate on driving. Your first responsibility is to drive safely.
- Do not hold the device while driving. Use hands-free accessories.
- When you must make or answer a call, pull off the road safely and park the vehicle first.
- RF signals may affect the electronic systems of motor vehicles. For more information, consult the vehicle manufacturer.
- Do not place the device over the air bag or in the air bag deployment area in a motor vehicle. Doing so may hurt you because of the strong force when the air bag inflates.
- Do not use your device while flying in an aircraft. Power off your device before boarding. Using wireless devices in an aircraft may disrupt wireless networks, present a hazard to aircraft operation, or be illegal.

#### **Cleaning and maintenance**

- Before you clean or maintain the device, power it off, 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 or charger. These substances may cause damage to parts or present a fire hazard. Use a clean, soft, and dry cloth to clean the device and charger.

- Keep the device and accessories dry. Protect them from water and humidity. Do not touch the device or the charger with wet hands. Doing so may lead to short circuits, malfunctions, or electric shocks.
- Avoid collision, which may lead to battery leakage, device malfunctions, 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 on magnetic storage media.
- Do not expose your device, battery, or charger to extreme heat or cold. These environments may interfere with proper function and may lead to fire or explosion. Battery performance is affected at temperatures lower than 0°C.
- Do not place sharp metal objects, such as pins, near the earpiece or speaker. The earpiece may attract these objects and result in injury.
- Do not dismantle the device or accessories. This voids the warranty and releases the manufacturer from liability for damage.
- If the device screen is broken in a collision, immediately stop using the device. Do not touch or attempt to remove the broken parts. Promptly contact an authorized service center.

### **Emergency calls**

The availability of emergency calls is subject to your cellular network quality, service provider policy, and local laws and regulations. Never rely solely on your device for critical communications like medical emergencies.

### **Environmental protection**

- The device and its accessories, including but not limited to the power adapter, headset, and battery (if included) should not be disposed of with household garbage.
- Disposal of the device and its accessories is subject to local regulations. Support proper collection and recycling.

### **FCC Regulatory Compliance**

#### **Body worn operation**

The device complies with RF specifications when 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 device holster, are not composed of metal components. Keep the device away from your body to meet the distance requirement.

#### **Certification information (SAR)**

This device is also designed to meet the requirements for exposure to radio waves established by the Federal Communications Commission (USA). The SAR limit adopted by the USA is 1.6 W/kg averaged over one gram of tissue. The highest SAR value reported to the FCC for this device type complies with this limit.

The highest SAR value reported to the FCC for this device type when tested for use at the ear is 1.385 W/kg, when properly worn on the body is 1.135 W/kg, and when using the Wi-Fi hotspot function is 0.940 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.



Any changes or modifications to this device not expressly approved by Huawei Technologies Co., Ltd. for compliance could void the user's authority to operate the equipment.

### **Hearing Aid Compatibility (HAC) regulations for mobile phones**

In 2003, the FCC adopted rules to make digital wireless telephones compatible with hearing aids and cochlear implants. Although analog wireless phones do not usually cause interference with hearing aids or cochlear implants, digital wireless phones sometimes do because of electromagnetic energy emitted by the phone's antenna, backlight, or other components.

Your phone is compliant with FCC HAC regulations (ANSI C63.19).

While some wireless phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise.

Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate. The wireless telephone industry has developed a rating system for wireless phones, to assist hearing device users find phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label located on the box. The ratings are not guarantees.

Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to be more usable with a hearing device's telecoil ("T Switch" or "Telephone Switch") than unrated phones. T4 is the better/higher of the two ratings. (Note that not all hearing devices have telecoils in them.) Hearing devices may also be measured.

Your phone meets the M3/T3 level rating. Hearing devices may also be rated. Your hearing device manufacturer or hearing health professional may help you find this rating.

This phone has been tested and rated for use with hearing aids for some of the wireless technologies that it uses. However, there may be some newer wireless technologies used in this phone that have not been tested yet for use with hearing aids. It is important to try the different features of this phone thoroughly and in different locations, using your hearing aid or cochlear implant, to determine if you hear any interfering noise. Consult your service provider or the manufacturer of this phone for information on hearing aid compatibility. If you have questions about return or exchange policies, consult your service provider or phone retailer.

To ensure that the Hearing Aid Compatibility rating for your device is maintained, secondary transmitters such as Bluetooth and/or Wi-Fi components must be disabled during a call.

For more information about the FCC Hearing Aid Compatibility please go to.

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