

3. Touch the composition text box to start entering your message.


 While writing a message, you can touch  > **Add** > **Contact** to insert contact information.

4. When you are ready to send the message, touch  .

Sent and received messages will be displayed in a message thread, grouping together the messages in a conversation.

### 6.1.3 Creating and Sending a Multimedia Message



1. Touch  > **Messaging** > **New message**.


2. Enter a phone number in the **To** field, or touch  to select a contact from **Contacts** or **Groups**.

3. Touch the composition text box to start entering your message.

4. Touch  to display the options panel. Touch **Add subject** to add the message subject. Your mobile phone is now in multimedia message mode.

5. When the message is ready to be sent, touch  .

 On the message editing screen, you can also touch  , and then select your desired files to add.

 You can direct select a multimedia file (audios, videos, or pictures) and send it via MMS: Touch **File Manager**, touch and hold the multimedia file to be sent, and then select **Share** > **Messaging**.

#### Adding a Slideshow

If you want to attach more than one file to your message, use the **Slideshow** option.

1. On the message editing screen, touch  to display the options panel.

2. Touch **Add** > **Slideshow**, and then select a slide to start editing it.

3. Touch  and then touch **More** > **Add slide** to add more slides.

4. Touch **Done** to finish composing your message and return to the multimedia message screen.



5. To alter your multimedia message, touch the slideshow on the multimedia message screen. When the message is ready to be sent, touch **Send**.

## 6.1.4 Opening and Viewing a Multimedia Message

1. In the message list, touch the message thread you wish to view.
2. Touch the multimedia message to view the message.

## 6.1.5 Replying to a Message

1. In the message list, touch a text or multimedia message thread to open it.
2. Touch the text box to compose your message. Once finished, touch **Send**.

 You can also do the following to reply to a message: Touch  > **Multiselect**, select one or more message threads, and touch **Reply**.

## 6.1.6 Copying a Text Message to Notepad or Calendar

1. In the message list, touch a text message thread to open it.
2. Touch and hold one of the messages, and then touch **Copy message to**.
3. Touch **Notepad** or **Calendar** to save it as a note or an event.

For information about how to use **Notepad** or **Calendar**, see the relevant sections of this guide.

## 6.1.7 Customizing Message Settings


In the message list, touch , and then touch **Settings** to customize the message settings.

# 6.2 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.

## 6.2.1 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 systems 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. To customize your email settings, follow the onscreen instructions, and then touch **Next**.
3. Enter the account name and the name you want other people to see when they receive an email from you.
4. Touch **Done**.

### Adding Other Email Accounts

1. After creating your initial email account, touch  on the **Inbox** screen, and then touch **More > Accounts** to access the accounts screen.
  2. Touch  on the accounts screen, and then touch **Add account** to create another email account.
-  When adding an additional email account, you have the option to use the new account to send all outgoing messages.


## 6.2.2 Viewing an Email Message


1. On the accounts screen, touch the email account you want to use.
2. Access a folder, and then touch the message that you want to view.

## 6.2.3 Saving an Email Attachment


1. On the accounts screen, touch the email account you want to use.
2. Touch the email message you want to view.
3. Touch **Save** next to the attachment in the email.
4. Select a path for saving the attachment and touch **Save**.

## 6.2.4 Creating and Sending an Email Message

1. On the accounts screen, touch the email account you want to use.
2. On the **Inbox** screen, touch , and then touch **Compose** in the options panel.
3. In the **To** field, enter the recipients' name or email address.
4. Enter the subject of your message and compose the message.

To send an attachment with the message, touch , and then touch **Add attachment**.

5. When you are finished, touch **Send**.

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

## 6.2.5 Replying to an Email Message


1. On the accounts screen, touch the email account you want to use.
2. Touch the email message to which you want to reply.
3. Touch **Reply** or **Reply all** to reply to the email message.


## 6.2.6 Deleting an Email Account

1. On the accounts screen, touch and hold the email account you want to delete.
2. Touch **Remove account**.
3. Touch **OK**.

## 6.2.7 Changing Email Account Settings

You can change a number of account settings, including how often you check for emails, how you are notified of a new mail, and details about the servers the account uses to send and receive mails.

 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. Touch  > **Email**.
2. On the accounts screen, touch and hold the email account you want to change.
3. Touch **Account settings**.
4. Change **General settings**, **Notification settings**, or **Server settings**.


# 7 Getting Connected

## 7.1 Mobile Networks

Your mobile phone will be automatically configured to use your network operator's 2G/3G service (if available) when you turn on the phone for the first time. Note that the SIM/UIM card must be inserted (some CDMA mobile phones have an integrated UIM card and do not need a separate UIM card)

### 7.1.1 Checking the Network Connection

1. Touch  > **Settings**.
2. Touch **Wireless & networks** > **Mobile networks**.
3. Touch **Network operators** or **Access Point Names** to check the network connection.

 Your mobile phone will automatically read the access point settings from the SIM/UIM card (if any). For this reason, do not change the access point parameters; otherwise, you might not be able to access network resources.

### 7.1.2 Turning on the Data Service

1. Touch  > **Settings**.
2. Touch **Wireless & networks** > **Mobile networks**.
3. Select the **Data enabled** check box to turn on the data connection.


## 7.2 Wi-Fi


Wi-Fi gives you wireless access to broadband Internet. To use Wi-Fi on your mobile phone, you must have an access to wireless access points (hotspots). Obstacles that block the Wi-Fi signal will reduce its strength.

### 7.2.1 Turning On Wi-Fi

1. Touch  > **Settings**.
2. Touch **Wireless & networks**, and then select the **Wi-Fi** check box to turn on Wi-Fi.

## 7.2.2 Connecting to a Wireless Network

1. After turning on Wi-Fi, touch  > **Settings**.
2. Touch **Wireless & networks** > **Wi-Fi settings**. You will see a list of detected Wi-Fi networks in the **Wi-Fi networks** section.
3. Touch a Wi-Fi network to connect to it.
  - If you select an open network, you will be automatically connected to the network.
  - If you select a network that is secured with Wired Equivalent Privacy (WEP) and connect to it for the first time, enter the password as prompted, and then touch **Connect**. If you connect to a secured wireless network that you have already used, you will not be prompted to enter the password again unless you have reset your mobile phone to its default settings.

 On the **Wi-Fi settings** screen, touch **Add Wi-Fi network** to add a new Wi-Fi network.


## 7.3 Sharing Your Phone's Data Connection

You can share your mobile phone's data connection with a single computer via a USB cable: USB tethering. You can share your mobile phone's data connection with a number of devices at the same time, by turning your phone into a portable Wi-Fi hotspot.


### 7.3.1 Sharing Your Phone's Data Connection via USB


To use USB tethering in different operating systems, you may need to prepare your computer to establish a network connection via USB.

 You cannot share your mobile phone's data connection and access its microSD card via USB at the same time.

1. Touch  > **Settings**.
2. Touch **Wireless & networks** > **Tethering & portable hotspot**.
3. Select the **USB tethering** check box to share your data connection.

## 7.3.2 Sharing Your Phone's Data Connection as a Portable Wi-Fi Hotspot

1. Touch  > **Settings**.
2. Touch **Wireless & networks** > **Tethering & portable hotspot**.
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.

## 7.4 WPS

The Wi-Fi Protected Setup (WPS) function simplifies the operations to set up Wi-Fi networks and configure network security settings.

 When connecting to a Wi-Fi network via WPS, ensure that the Wi-Fi access point to be connected supports the WPS function.

### 7.4.1 Connecting to a Wireless Network via the WPS Button

1. Turn on Wi-Fi, and then access the **Wi-Fi settings** screen.
2. Touch **WPS button connection**.
3. Press the WPS button of the Wi-Fi access point. When your phone connects to the network, it displays a message.

### 7.4.2 Connecting to a Wireless Network via the WPS PIN

1. Turn on Wi-Fi, and then access the **Wi-Fi settings** screen.
2. In the **Wi-Fi networks** section, press and hold the Wi-Fi network to be connected. Then select **WPS PIN connection** in the options menu. Your phone displays the PIN of the selected Wi-Fi access point.
3. Enter the PIN on the Wi-Fi access point. When your phone connects to the network, it displays a message.


 To add a new Wi-Fi network, touch **Add Wi-Fi network** on the **Wi-Fi settings** screen, and then enter the Service Set Identifier (SSID) of the network.


## 7.5 Browser

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

### 7.5.1 Opening the Browser

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


- **New window:** Touch to open a new window.
- **Bookmarks:** Touch to display bookmarks.
- **Windows:** Touch to view thumbnails of open browser windows. You can switch to another browser window or open a new one on this screen.
- **Refresh:** Touch to refresh the current webpage.
- **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 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 **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 window, go to the webpage you want to save as a bookmark.
2. Touch , and then touch **Bookmarks > Add**.
3. Edit the bookmark name 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 Browser Settings


Customize the browser to suit your browsing style. Use **Browser** to set page content, privacy, and security preferences. In the browser window, 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 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. 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 with and Connecting to 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 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 control audio playing using a Bluetooth headset remotely.

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


1. Ensure that the Bluetooth function on your mobile phone is enabled.
2. On the Home screen, 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 your mobile phone with.
4. If required, 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** > **Wireless & networks** > **Bluetooth settings**.
2. Navigate to the **Bluetooth devices** section, and then touch and hold the device to which you are connected.
3. Touch **Unpair** to disconnect from 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.

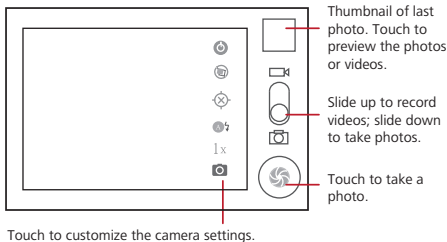
## 8.1 Taking Photos and Recording Videos

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



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

## 8.1.2 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 and hold . When the frame turns green, the image is in focus.
5. Release  to take your photo.

Photos taken are displayed for a moment. You can take another photo or review 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 the photo as a contact icon or the wallpaper.

## 8.1.4 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.

## 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 buttons 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 playback screen, touch the controls to fast-forward or rewind 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

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.

### 8.2.2 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.
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 operation 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 its length to width ratio.
3. Touch **Save** to save the cropped picture. Touch **Discard** to discard the changes.

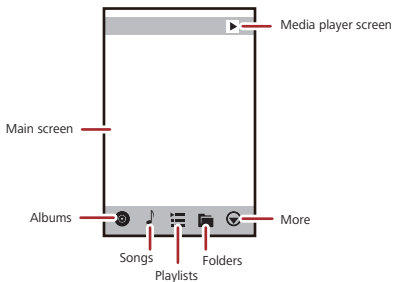
## 8.3 Enjoying Music

### 8.3.1 Opening the Music Library

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

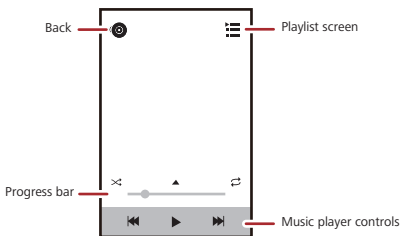
The music library automatically scans for music stored on your microSD card and displays them in **Albums**, **Songs**, **Playlists**, **Folders**. Touch **More** to view music in other ways.


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





## 8.3.2 Playing Music

1. From the music library, select a way to view your music.
2. Touch the music file you want to play.



While playing music, touch  to return to the Home screen, the music will continue to play in the background and you can use other applications. Open the notifications panel and touch the playing music to return to the music playing screen.

### 8.3.3 Creating a Playlist

1. In the 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.

### 8.3.4 Adding Music to a Playlist

1. From the music library select a way to view your music.
2. Press and hold a music file, and then touch **Add to playlist**.
  - Touch an existing playlist to add the song to that playlist.
  - Touch **New playlist** to add the song to a new playlist.

### 8.3.5 Playing Music in a Playlist

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

## 8.4 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.




### 8.4.1 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.




## 8.4.2 Tuning the FM Radio


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

- Touch **Inching tuning**, and then touch  or  to fine tune the frequency in steps of 0.05 MHz. 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 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/GPRS) 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 the first name, last name, and user name for your Google account, and then touch **Next**. 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.
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 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.

### 9.2.1 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.

### 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 email.

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

4. After writing your email, touch .