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.

Touch to display the gallery panel. On the panel, you can do the following:

- Touch **Capture picture** to open the camera and switch to the picture capture mode.
- Touch **Capture video** to open the camera and switch to the video capture mode.
- Touch **Settings** to go to the gallery settings screen. There, you can set the size of a picture, arrange pictures, play a slideshow, and specify whether to prompt for confirmation when you delete a picture.

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 **Rotate**.
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 **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.

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- 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 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 Media Library

Touch > **Music** to display the media library.
The **Music** application organizes your music files by storage location. It contains five tabs: **Artists**, **Albums**, **Songs**, **Playlists** and **Now playing**.

8.3.3 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, press , to use another application. Your music continues to play. To return to the music controls, open the notification panel and then touch the song.

8.3.4 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.

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3. Touch and hold the song, and then touch **Add to playlist** in the options menu.
   - Touch **Current playlist** to add the song to an existing playlist.
   - Touch **New** to create a playlist and add the song to it.

8.3.5 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.

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 -0.05 MHz or +0.05 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.

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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/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 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** screen, and touch **Add account** to select which type of accounts you want to add.

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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 **Send**.

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 , and then touch **Reply**, **Reply all**, or **Forward**.
3. Do one of the following:
   - If you selected **Reply** or **Reply all**, enter your message.

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

4. Touch **Send**.

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**.

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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:

IM notifications	Select the check box to receive a notification on the notification bar when you receive an instant message.
Select ringtone	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 **Silent**.
Vibrate	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. The videos will be grouped into categories, such as **Most viewed**, **Most discussed**, **Top rated**, and more.

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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. On the **YouTube** screen, do one of the following:
   - While viewing a list of videos, touch and hold a video entry, and then touch **Share** on the options menu.
   - While watching a video, touch , 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.
- Your downloads.

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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** (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**.

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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 **Accounts & sync** 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

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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 **Accounts & sync** screen, touch the account to delete.
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 **Accounts & sync** 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.

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10.2.2 Changing an Account's Synchronization Settings

1. On the **Accounts & sync** 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 **More** > **New event** to open the **Event details** screen.

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.

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4. Set the time of your event reminder in **Reminders**, and then specify in **Repetition** whether the event recurs and, if it does, how frequently.
5. 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 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.
- **Set alerts & notifications**: Touch to set event reminders to alert you, send you a notification, or to turn off event notifications on your mobile phone.
- **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.

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