

# htc DREAM

## User Manual

[www.htc.com](http://www.htc.com)



## Please Read Before Proceeding

**THE BATTERY IS NOT CHARGED WHEN YOU TAKE IT OUT OF THE BOX.**

**DO NOT REMOVE THE BATTERY PACK WHEN THE DEVICE IS CHARGING.**

**YOUR WARRANTY IS INVALIDATED IF YOU DISASSEMBLE OR ATTEMPT TO DISASSEMBLE THE DEVICE.**

### **PRIVACY RESTRICTIONS**

Some countries require full disclosure of recorded telephone conversations, and stipulate that you must inform the person with whom you are speaking that the conversation is being recorded. Always obey the relevant laws and regulations of your country when using the recording feature of your PDA Phone.

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## Important Health Information and Safety Precautions

When using this product, the safety precautions below must be taken to avoid possible legal liabilities and damages.

Retain and follow all product safety and operating instructions. Observe all warnings in the operating instructions on the product.

To reduce the risk of bodily injury, electric shock, fire, and damage to the equipment, observe the following precautions.

### **ELECTRICAL SAFETY**

This product is intended for use when supplied with power from the designated battery or power supply unit. Other usage may be dangerous and will invalidate any approval given to this product.

### **SAFETY PRECAUTIONS FOR PROPER GROUNDING INSTALLATION**

**CAUTION:** Connecting to an improperly grounded equipment can result in an electric shock to your device.

This product equipped with a USB Cable for connecting with desktop or notebook computer. Be sure your computer is properly grounded (earthed) before connecting this product to the computer. The power supply cord of a desktop or notebook computer has an equipment-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet which is properly installed and grounded in accordance with all local codes and ordinances.

### **SAFETY PRECAUTIONS FOR POWER SUPPLY UNIT**

- **Use the correct external power source**

A product should be operated only from the type of power source indicated on the electrical ratings label. If you are not sure of the type of power source required, consult your authorized service provider or local power company. For a product that operates from battery power or other sources, refer to the operating instructions that are included with the product.



This product should be operated only with the following designated power supply unit(s):

AC Adapter

- Pihong, Model PSAA05K-050
- Pihong, Model PSAA05E-050
- Delta, Model ADP-5FH D
- **Handle battery packs carefully**

This product contains a Li-ion polymer battery. There is a risk of fire and burns if the battery pack is handled improperly. Do not attempt to open or service the battery pack. Do not disassemble, crush, puncture, short external contacts or circuits, dispose of in fire or water, or expose a battery pack to temperatures higher than 60°C (140°F).



**WARNING:** Danger of explosion if battery is incorrectly replaced.

To reduce risk of fire or burns, do not disassemble, crush, puncture, short external contacts, expose to temperature above 60°C (140°F), or dispose of in fire or water. Replace only with specified batteries.

Recycle or dispose of used batteries according to the local regulations or reference guide supplied with your product.

**Note:** This product should be operated only with the following designated Battery Pack(s).

- HTC, Model DREA160
- **Take extra precautions**
  - Keep the battery or device dry and away from water or any liquid as it may cause a short circuit.
  - Keep metal objects away so they don't come in contact with the battery or its connectors as it may lead to short circuit during operation.

- The phone should be only connected to products that bear the USB-IF logo or have completed the USB-IF compliance program.
- Do not use a battery that appears damaged, deformed, or discolored, or the one that has any rust on its casing, overheats, or emits a foul odor.
- Always keep the battery out of the reach of babies and small children, to avoid swallowing of the battery. Consult the doctor immediately if the battery is swallowed.
- If the battery leaks:
  - Do not allow the leaking fluid to come in contact with skin or clothing. If already in contact, flush the affected area immediately with clean water and seek medical advice.
  - Do not allow the leaking fluid to come in contact with eyes. If already in contact, DO NOT rub; rinse with clean water immediately and seek medical advice.
  - Take extra precautions to keep a leaking battery away from fire as there is a danger of ignition or explosion.

### **SAFETY PRECAUTIONS FOR DIRECT SUNLIGHT**

Keep this product away from excessive moisture and extreme temperatures. Do not leave the product or its battery inside a vehicle or in places where the temperature may exceed 60°C (140°F), such as on a car dashboard, window sill, or behind a glass that is exposed to direct sunlight or strong ultraviolet light for extended periods of time. This may damage the product, overheat the battery, or pose a risk to the vehicle.

## PREVENTION OF HEARING LOSS



**CAUTION:** Permanent hearing loss may occur if earphones or headphones are used at high volume for prolonged periods of time.

**NOTE:** For France, Earphone (listed below) for this device have been tested to comply with the Sound Pressure Level requirement laid down in the applicable NF EN 50332-1:2000 and/or NF EN 50332-2:2003 standards as required by French Article L. 5232-1.

- Earphone, manufactured by Cotron, Model HS S200.

## SAFETY IN AIRCRAFT

Due to the possible interference caused by this product to an aircraft's navigation system and its communications network, using this device's phone function on board an airplane is against the law in most countries. If you want to use this device when on board an aircraft, remember to turn off your phone by switching to Airplane Mode.

## ENVIRONMENT RESTRICTIONS

Do not use this product in gas stations, fuel depots, chemical plants or where blasting operations are in progress, or in potentially explosive atmospheres such as fuelling areas, fuel storehouses, below deck on boats, chemical plants, fuel or chemical transfer or storage facilities, and areas where the air contains chemicals or particles, such as grain, dust, or metal powders. Please be aware that sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

## EXPLOSIVE ATMOSPHERES

When in any area with a potentially explosive atmosphere or where flammable materials exist, the product should be turned off and the user should obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Users are advised not to use the equipment at refueling points such as service or gas stations, and are reminded of the need to observe restrictions on the use of radio equipment in fuel depots, chemical plants, or where blasting operations are in progress. Areas with a potentially explosive atmosphere are often, but not always, clearly marked. These include fueling areas, below deck on boats, fuel or chemical transfer or storage facilities, and areas where the air contains chemicals or particles, such as grain, dust, or metal powders.

### **ROAD SAFETY**

Vehicle drivers in motion are not permitted to use telephony services with handheld devices, except in the case of emergency. In some countries, using hands-free devices as an alternative is allowed.

### **SAFETY PRECAUTIONS FOR RF EXPOSURE**

- Avoid using your phone near metal structures (for example, the steel frame of a building).
- Avoid using your phone near strong electromagnetic sources, such as microwave ovens, sound speakers, TV and radio.
- Use only original manufacturer-approved accessories, or accessories that do not contain any metal.
- Use of non-original manufacturer-approved accessories may violate your local RF exposure guidelines and should be avoided.

### **INTERFERENCE WITH MEDICAL EQUIPMENT FUNCTIONS**

This product may cause medical equipment to malfunction. The use of this device is forbidden in most hospitals and medical clinics.

If you use any other personal medical device, consult the manufacturer of your device to determine if they are adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information.

Turn your phone OFF in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

## HEARING AIDS

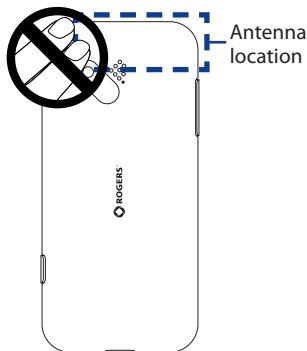
Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your service provider, or call the customer service line to discuss alternatives.

## NONIONIZING RADIATION

Your device has an internal antenna. This product should be operated in its normal-use position to ensure the radiative performance and safety of the interference. As with other mobile radio transmitting equipment, users are advised that for satisfactory operation of the equipment and for the safety of personnel, it is recommended that no part of the human body be allowed to come too close to the antenna during operation of the equipment.

Use only the supplied integral antenna. Use of unauthorized or modified antennas may impair call quality and damage the phone, causing loss of performance and SAR levels exceeding the recommended limits as well as result in non-compliance with local regulatory requirements in your country.

To assure optimal phone performance and ensure human exposure to RF energy is within the guidelines set forth in the relevant standards, always use your device only in its normal-use position. Contact with the antenna area may impair call quality and cause your device to operate at a higher power level than needed. Avoiding contact with the antenna area when the phone is IN USE optimizes the antenna performance and the battery life.



## General Precautions

- **Avoid applying excessive pressure to the device**

Do not apply excessive pressure on the screen and the device to prevent damaging them and remove the device from your pants' pocket before sitting down. It is also recommended that you store the device in a protective case and only use your finger when interacting with the touch screen. Cracked display screens due to improper handling are not covered by the warranty.

- **Device getting warm after prolonged use**

When using your device for prolonged periods of time, such as when you're talking on the phone, charging the battery or browsing the web, the device may become warm. In most cases, this condition is normal and therefore should not be interpreted as a problem with the device.

- **Heed service markings**

Except as explained elsewhere in the Operating or Service documentation, do not service any product yourself. Service needed on components inside the device should be done by an authorized service technician or provider.

- **Damage requiring service**

Unplug the product from the electrical outlet and refer servicing to an authorized service technician or provider under the following conditions:

- Liquid has been spilled or an object has fallen onto the product.
- The product has been exposed to rain or water.
- The product has been dropped or damaged.
- There are noticeable signs of overheating.
- The product does not operate normally when you follow the operating instructions.

- **Avoid hot areas**

The product should be placed away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

- **Avoid wet areas**

Never use the product in a wet location.

- **Avoid using your device after a dramatic change in temperature**

When you move your device between environments with very different temperature and/or humidity ranges, condensation may form on or within the device. To avoid damaging the device, allow sufficient time for the moisture to evaporate before using the device.

**NOTICE:** When taking the device from low-temperature conditions into a warmer environment or from high-temperature conditions into a cooler environment, allow the device to acclimate to room temperature before turning on power.

- **Avoid pushing objects into product**

Never push objects of any kind into cabinet slots or other openings in the product. Slots and openings are provided for ventilation. These openings must not be blocked or covered.

- **Mounting accessories**

Do not use the product on an unstable table, cart, stand, tripod, or bracket. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.

- **Avoid unstable mounting**

Do not place the product with an unstable base.

- **Use product with approved equipment**

This product should be used only with personal computers and options identified as suitable for use with your equipment.

- **Adjust the volume**

Turn down the volume before using headphones or other audio devices.

- **Cleaning**

Unplug the product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning, but NEVER use water to clean the LCD screen.

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# Chapter 1

## Phone Basics

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### 1.1 Getting to Know Your HTC Dream and Accessories

#### Inside the box

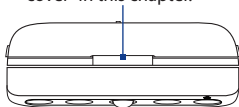
The product package includes the following items and accessories:

- Battery
- USB cable
- AC adapter
- Wired stereo headset
- Pouch
- 2GB microSD™ card
- Quick Start Guide

#### Top panel

##### Back Cover Release Tab

See “To remove the back cover” in this chapter.



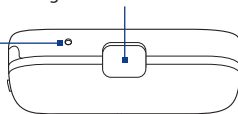
#### Bottom panel

##### USB Connector/Earphone Jack

Flip open the cover to connect the:

- USB cable and transfer files.
- AC adapter and recharge the battery.
- USB stereo headset for hands-free conversation or for listening to music and videos.

Microphone



## Left panel

### VOLUME UP

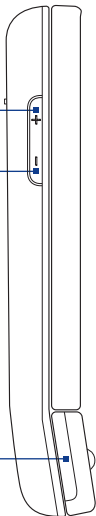
Press to increase the ringer or media volume.

### VOLUME DOWN

Press to lower the ringer or media volume.

### Storage Card Slot

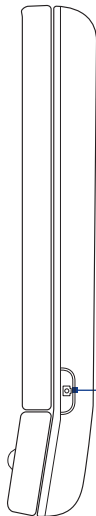
Open the slot cover to install a storage card. See "Storage card" in this chapter for details.



## Right panel

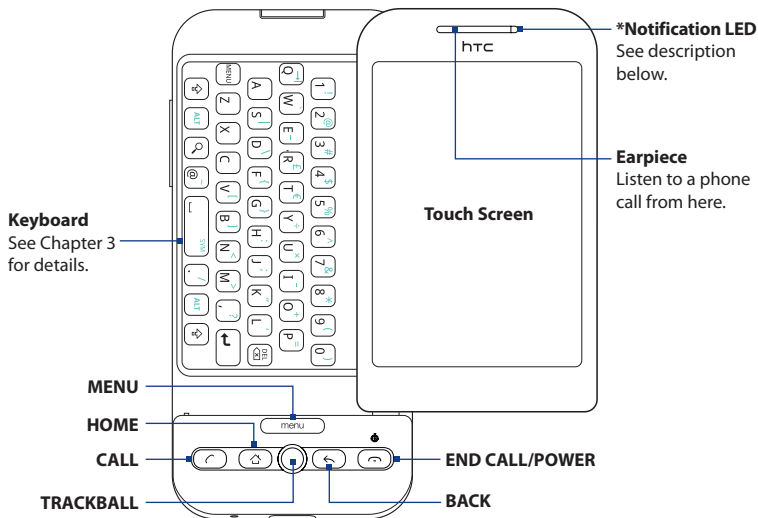
### CAPTURE

Press to open the Camera application. When in Camera, press half-way to activate auto-focus. Press fully to take the shot. See Chapter 8 for details.





## Front panel



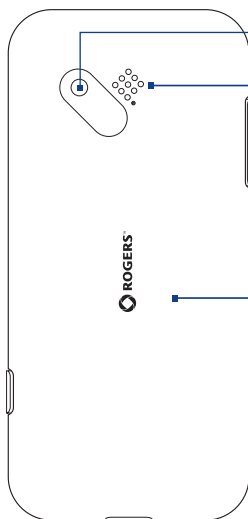
For more information about the functions of the MENU, HOME, CALL, END CALL/POWER and BACK buttons, see “Phone Controls” in this chapter. For more information about the TRACKBALL, see “Using the TRACKBALL” in this chapter

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**\* The Notification LED shows a:**

- Solid green light when the battery is fully charged and the phone is connected to the AC adapter.
- Solid red light when the battery is charging.
- Flashing red light when battery power is low.
- Flashing green light when you have a pending notification.

## Back panel



### 3.2 Megapixel Camera

See "Using the Camera and Camcorder" in Chapter 8 for details.

### Speaker

### Back Cover

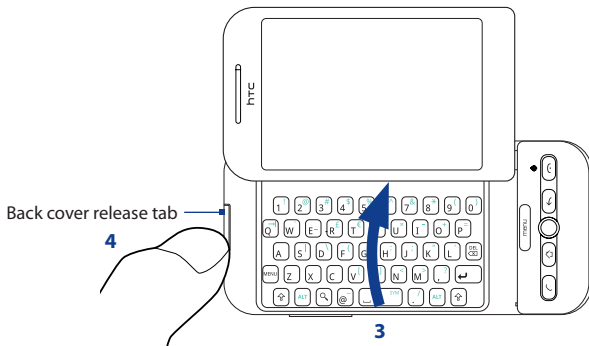
See "To remove the back cover" in this chapter.

## 1.2 Installing the SIM Card, Battery, and Storage Card

Always turn off your phone before installing or replacing the SIM card, battery, and storage card. You also need to remove the back cover before you can install the SIM card and battery.

### To remove the back cover

1. Make sure the phone is turned off.
2. Hold the phone sideways with the control buttons on the right.
3. Slide the screen panel up to reveal the keyboard and the back cover release tab.
4. Gently push down the release tab with your finger until the back cover disengages from the phone.



5. Pull the back cover out, and then set it aside.

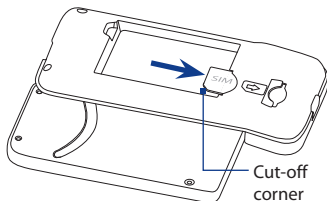
## SIM card

The SIM card contains your phone number, service details, and phonebook/message memory. Your phone supports both 1.8V and 3V SIM cards.

**Note** Some legacy SIM cards may not function with your phone. You should consult your wireless service provider for a replacement SIM card. There may be fees for this service.

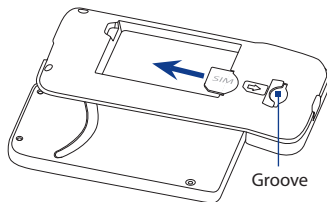
### To install the SIM card

1. Make sure the phone is turned off.
2. Locate the SIM card slot, and then insert the SIM card with its gold contacts facing down and its cut-off corner facing out the card slot.
3. Slide the SIM card completely into the slot.



### To remove the SIM card

1. Remove the back cover and the battery if these are installed.
2. Locate the groove below the SIM card slot, and then push the SIM card out of the slot with your finger.



## Battery

Your phone comes with a rechargeable Lithium-ion battery and is designed to use only manufacturer-specified original batteries and accessories. Battery performance depends on many factors, including network configuration, signal strength, and more. For battery life estimates, see “Specifications” in the Appendix.

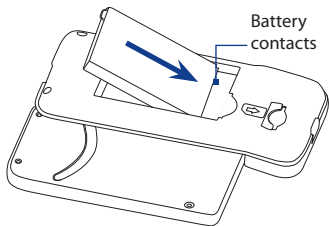
**Note** Battery life is subject to network and phone usage.

**Warning!** To reduce risk of fire or burns:

- Do not attempt to open, disassemble, or service the battery pack.
- Do not crush, puncture, short external contacts, or dispose of in fire or water.
- Do not expose to temperatures above 60°C (140°F).
- Replace only with the battery pack designated for this product.
- Recycle or dispose of used battery as stipulated by local regulations.

### To install the battery

1. Align the battery's exposed copper contacts with the battery connectors inside the battery compartment.
2. Insert the contact side of the battery first then gently push the battery into place.
3. Replace the back cover.



### To remove the battery

1. Make sure the phone is turned off.
2. Remove the back cover.
3. The top side of the battery has a protruding grip. Lift the battery from the grip to remove it.

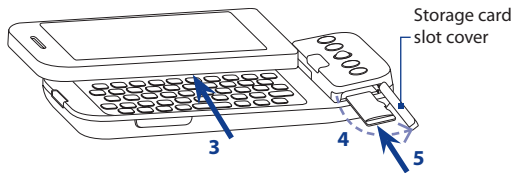
## Storage card

To store your pictures, music, and applications, install the supplied microSD™ card into your phone.

**Note** You need to install the microSD card before you can use the Camera application.

### To install the storage card

1. Make sure the phone is turned off.
2. Hold the phone sideways with the control buttons on the right.
3. Slide up the keyboard, and then locate the storage card slot at the side of the control buttons.
4. Pry open the storage card slot cover.
5. Insert the microSD card into the slot with its golden contacts facing down until it clicks in place.



6. Replace the storage card slot cover.

**Note** Make sure that both ends of the cover are properly seated on the slot. The phone will not detect the storage card when the slot cover is not properly replaced.

### To remove the storage card

1. Make sure that the phone is turned off.
2. Slide up the keyboard, and then open the storage card slot cover.
3. Push the microSD card inward until it clicks, and then release it to eject it from the slot.

4. Replace the storage card slot cover.

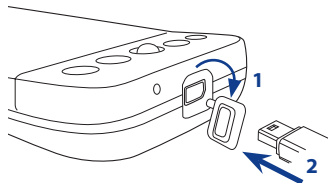
**Note** If you want to remove the storage card while the phone is on, see “To remove the storage card while the phone is on” later in this chapter.

## 1.3 Charging the Battery



New batteries are shipped partially charged. Before you start using your phone, it is recommended that you install and charge the battery. Some batteries perform best after several full charge/discharge cycles.

### To charge the battery

1. Flip open the USB connector cover at the bottom panel of your phone.
2. Insert the USB connector of the AC adapter to the USB connector on your phone.
3. Plug in the AC adapter to an electrical outlet to start charging the battery.



**Note** Only the AC adapter and USB cable provided with your phone must be used to charge the battery.

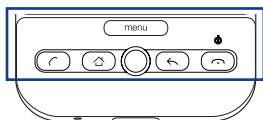
Charging is indicated by a solid red light in the Notification LED. As the battery is being charged while the phone is on, the charging battery icon (  ) is displayed in the status bar of the Home screen. After the battery has been fully charged, the Notification LED shows a solid green light and a full battery icon (  ) displays in the status bar of the Home screen.





### Warning!

- Do not remove the battery from the phone while you are charging it using the AC or car adapter.
- As a safety precaution, the battery stops charging before it overheats.

## 1.4 Phone Controls

Press the control buttons on the front panel of your phone to do the following:



Button	Function
<b>HOME</b> (  )	<ul style="list-style-type: none"><li>• While on any application or screen, press to return to the Home screen.</li><li>• Press and hold to open the recent applications window.</li></ul>
<b>MENU</b>	<ul style="list-style-type: none"><li>• Press to open a list of actions that you can do on the current screen or options menu.</li></ul>
<b>BACK</b> (  )	<ul style="list-style-type: none"><li>• Press to go back to the previous screen, or to close a dialog box, an options menu, or the Notifications panel.</li><li>• Press and hold to return to the main screen of the current application.</li></ul>
<b>CALL</b> (  )	<ul style="list-style-type: none"><li>• Press to open the Phone screen.</li><li>• When a contact, contact number, or phone number is highlighted on the screen, press this button to call the contact or phone number.</li><li>• While on a call, press this button to add another call.</li><li>• If you navigated to another application during a call, press this button to display the ongoing call on the screen.</li></ul>
<b>END CALL/ POWER</b> (  )	<ul style="list-style-type: none"><li>• While on a call, press this button to hang up.</li><li>• While not on a call, press and hold to open the phone options menu that allows you to turn off or switch your phone to silent, airplane, or vibrate mode.</li><li>• While not on a call, press briefly to turn off the screen.</li></ul>



## 1.5 Getting Around Your Phone

Use finger gestures, the TRACKBALL, or a combination of both when navigating around your Home screen, menus and application screens.

### Finger gestures

A quick and easy way to interact with the Home screen and the whole interface of your phone is by touch. Basically, the following are the types of actions, called finger gestures, that you would do when interacting with your phone:

#### Touch

When you want to select items such as icons and options or press on-screen buttons, simply touch them with your finger. Apply some pressure with your finger pad when touching them on the screen.

#### Swipe or slide

To swipe or slide means to drag your finger vertically or horizontally across the screen. The following are some instances when you would use swiping:

- **Getting around the extended Home screen**

Swipe your finger horizontally across the screen to go to the left or right side of the extended Home screen. For more information, see “Home Screen” in this chapter.

- **Scrolling**

To scroll up or down in a list or page on the screen, swipe or slide your finger up or down on the screen. With repeated short, quick brushing gestures, you can accelerate the scroll. Touch your finger on the screen to stop the scrolling.

#### Drag

Touch and hold your finger with some pressure before you start to drag. While dragging, do not release your finger until you have reached the target position.

The following are some instances when you would use dragging:

- **Moving or deleting a Home screen item**

Touch and hold an application icon, widget, or folder on the Home screen. When the item magnifies drag your finger to any part of the screen to move the item, or drag the item to the **Trash** button to delete it. For more information, see “Customize the Home screen”.

- **Resizing the cropper**

When you need to crop a picture, the cropper appears. Touch and hold the cropper edge, and then drag your finger inward to or outward from the center of the cropper to resize it.

### **Flick**

Flicking the screen is similar to swiping, except that you need to swipe your finger in light, quicker strokes. This finger gesture is always in a vertical direction, such as when flicking the contacts or message list.

### **Use the TRACKBALL**

You can roll the TRACKBALL to select or highlight items on the screen, or press it to select a highlighted item or action. You can also use the TRACKBALL in combination with keyboard keys to highlight, copy, cut or paste text on the screen. See “Using the Keyboard” in Chapter 3 for details.

## **1.6 Starting Up**

Once you’ve installed your SIM card and battery, you can turn on the power and start using your phone.

### **Turn your phone on and off**

#### **To turn on the phone**

Press the END CALL/POWER button.

## Enter your PIN

If your SIM card is preset with a PIN (personal identification number), you will be prompted to enter the PIN to proceed. Enter the SIM PIN, and then touch **OK**.

To know how to enable or disable the SIM PIN, see “Protecting Your Phone” in Chapter 10.

**Note** If you entered the wrong PIN three times, the SIM card will be blocked. If this happens, you can unblock it with the PUK (PIN Unblocking Key) obtained from your wireless service provider.

## To turn off the phone

1. Press and hold the END CALL/POWER button for a few seconds.
2. When the **Phone options** menu appears, touch **Power off**.
3. Touch **OK** when prompted to turn off the phone.

## Turn off the screen when not in use

To save battery power, the phone automatically turns off the screen when you leave it idle after a certain period of time. You will still be able to receive messages and calls while the phone’s screen is off.

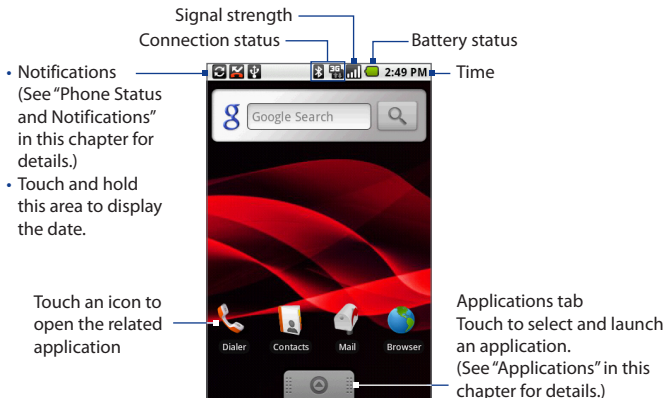
**Tip** For information on how to adjust the time before the screen turns off, see “Display settings” in Chapter 10.

You can also turn off the screen quickly by pressing the END CALL/POWER button. Pressing any of the control buttons again or incoming calls will turn on your phone screen.

**Note** If you have set up a screen unlock pattern, you will be prompted to draw the pattern on the screen before it unlocks. For more information on how to create and enable the screen unlock pattern, see “Protecting Your Phone” in Chapter 10.

## 1.7 Home Screen

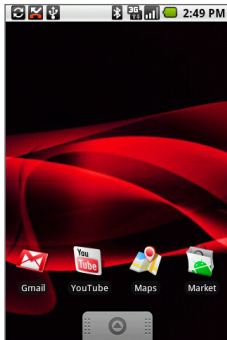
The Home screen is your starting point for using the applications on your phone. You can customize the Home screen to display application icons, shortcuts, folders, and widgets according to your preference.



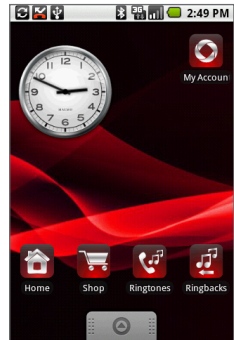
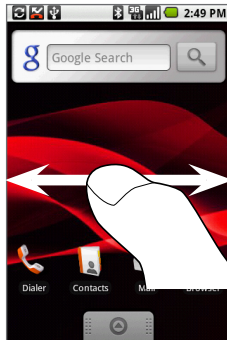
**Tip** While on any application, press HOME to go back to the Home screen.

## Extended Home screen

The Home screen extends beyond the screen width to provide more space for adding icons, widgets, and more. Press HOME, and then slide your finger horizontally across the screen to go to the left or right side of the extended Home screen.



Extended Home screen: Left



Extended Home screen: Right

**Tip** While on an extended Home screen, press HOME to return to the main Home screen.

## Customize the Home screen

### To add a Home screen item

1. Press HOME, and then touch and hold the screen.
2. When the **Add to Home** menu opens, select the item you want to add to the Home screen:
  - **Shortcuts** Add shortcuts such as applications, a bookmarked web page, a favorite contact, a Gmail label, or a music playlist.

**Tip** To quickly add an application shortcut that is on the Applications tab to the Home screen, touch and hold an application icon. When the phone vibrates, release the icon on an empty area on the Home screen.

- **Widgets** Add a clock, music player, a picture frame, the Google search bar, or a calendar that shows upcoming appointments.
- **Folders** Add a folder where you can organize Home screen items, a shortcut to all your contacts, contacts with phone numbers, or starred contacts. Add a shortcut to all your contacts, contacts with phone numbers, or starred contacts. Contact details are automatically updated when there are changes in the source. For more information on how to create folders, see “To create a folder and add items to it” in this chapter.
- **Wallpapers** Change the Home screen wallpaper. For more information about customizing the wallpaper, refer to “To change the Home screen wallpaper” later in this chapter.


### To move a Home screen item

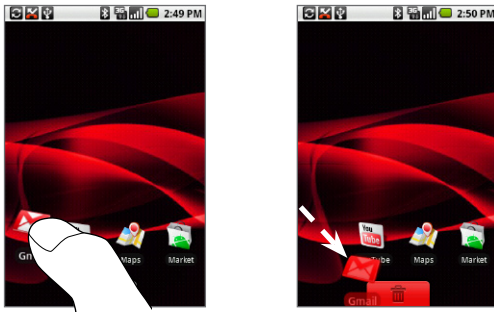
1. Touch and hold the item on the screen to activate **move mode**.

**Note** When **move mode** is activated, the item magnifies and the phone vibrates.
2. Without lifting your finger on the item, drag it to your desired position on the screen, and then release it.

**Note** To move an item from the Home screen to an extended Home screen, touch and hold the item then drag it to the left or right edge of the screen until the display shifts to the extended Home screen. Position the item on the screen and then release it.

### To remove a Home screen item

1. Touch and hold the item on the screen to activate move mode.
2. Without lifting your finger on the item, drag it to the Applications tab (The Applications tab also turns into a **Trash** button (  ). When the item and the Trash button turn red, release the item.



### To change the Home screen wallpaper

1. Press HOME > MENU and select **Wallpaper**.
2. Select **Pictures** or **Wallpaper gallery**.
  - Touch **Pictures** to use a picture that you have captured using the camera or copied to your phone as a wallpaper. You can crop the picture before setting it as a wallpaper. See "To crop a picture" in Chapter 8 to learn how to crop the picture.
  - Touch **Wallpaper gallery** to use preset wallpapers that came with the phone.

### To change the screen orientation

Slide open the keyboard or hold the phone sideways to change the screen orientation into landscape mode.



### To create a folder and add items to it

You can create folders on the Home screen to hold application icons or shortcuts.

1. Press MENU, and then touch **Add > Folders > New folder**.  
A new folder appears on the screen.
2. Touch and hold an application icon or a shortcut on the Home screen to activate move mode, and then drag it on top of the folder.
3. Touch the folder to open it. When opened, touch the folder's title bar to close it.

- Notes**
- Delete a folder as you would delete a Home screen item. See "To remove a Home screen item" earlier in this chapter.
  - To rename an open folder, touch and hold the folder's title bar. On the Rename folder dialog box, enter the new folder name using the keyboard, and then touch **OK**.



## 1.8 Setting Up a Google Account

The first time you access a Google service such as Google Talk™, Gmail™, or Android Market™, you will be prompted to create a Google account or sign in to your existing Google account (could be a Google Mail or Gmail account).

**Important** You need to know your Google password to sign in. If you forgot your password, refer to “Retrieve your Google account password”.

**Note** Make sure that your phone has an active data connection (3G/GPRS) before you create a Google account. See “Phone Status and Notifications” in this chapter to know if your phone has an active data connection.

### To create a Gmail account

1. Read the setup information on the screen, and then touch **Next**.
2. Touch **Create**.

**Tip** If you already have a Google account, touch **Sign in**, and then open the keyboard. Enter your user name and password, and then touch **Sign in**. After signing in, your Google Mail email messages, contacts, and calendar events will automatically synchronize with your phone.

3. Open the keyboard. Enter your name and Gmail account user name, and then touch **Next**.

The phone connects to the Google server to check if the user name you entered is available. If the user name you entered is already in use, you will be prompted to enter another user name or select from a list.

4. Enter and confirm your Gmail account password.

**Tip** Refer to the indicator at the right side of the password field to check if your password is too short (less than 8 characters), weak, fair, good, or strong.

5. Select a security question from the drop-down menu, and then enter the answer to the security question you have selected.
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**.
9. When your Gmail account is successfully created, close the keyboard, and then touch **Finish setup**. The Home screen displays.

## Retrieve your Google account password

If you forgot your Google Account password, you can retrieve it by doing the following:

1. On your computer, open your browser and go to <http://google.com>.
2. On the upper-right side of the web page, click **Sign in**.
3. On the right side of the page, click **I cannot access my account**.
4. In the **Please select your issue** section, select **I forgot my password**.
5. Click **Reset your password now**, and then follow the procedure on how to recover your password.

## 1.9 Phone Status and Notifications

### Status bar

On top of the phone screen is the status bar. The left side of the status bar displays notification icons that notify you of a new message, an upcoming calendar event, a missed call, and more. The right side of the status bar displays the phone status such as the data connection, connection strength, battery, volume settings, time, and more.

**Tip** When the status bar is full, touch  to display hidden icons/notifications.

These are the icons that appear on the notifications area of the status bar:































### Icons that appear in this area

	New email message in Gmail		More (undisplayed) notifications
	New SMS/MMS		Call in progress
	Problem with SMS/MMS delivery		Missed call
	New instant message		Call on hold
	New voicemail		Call forwarding on
	Upcoming event		Compass needs orientation
	Song is playing		Uploading data
	Problem with sign-in/sync		Downloading data
	Storage card is full		Content downloaded
	No storage card installed		Connected to a computer via USB
	Wi-Fi is on and wireless networks are available		New email message in an external email account
	New Microsoft Exchange ActiveSync email message		No storage card installed on the phone.

These are the icons that appear on the status area of the status bar:



#### Icons that appear in this area

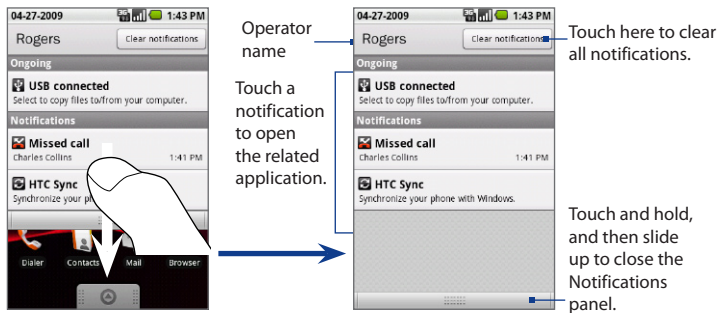
	GPRS connected		Speakerphone on
	GPRS in use		Roaming
	EDGE connected		No signal
	EDGE in use		No SIM card installed
	3G connected		Vibrate mode
	3G in use		Speaker is mute
	HSPA connected		Microphone is mute
	HSPA in use		Battery is very low
	Connected to a Wi-Fi network		Battery is low
	Bluetooth is on		Battery is full
	Connected to another Bluetooth phone		Battery is charging
	Airplane mode		GPS is on
	Alarm is set		GPS is connected
	Signal strength		Data is syncing

## Notifications panel

Notification icons report the arrival of new messages, calendar events, alarm set and ongoing settings such as when call forwarding is on or the current call status. You can open the Notifications panel to open the message, reminder, or event notification and know your wireless service provider name.

### To open the Notifications panel

When a new notification icon displays in the status bar, touch and hold the status bar, and then slide your finger downward to open the Notifications panel.



If you have several notifications, you can scroll down the screen to view more notifications.

**Tip** You can also open the Notifications panel on the Home screen by pressing MENU and touching **Notifications**.

### To close the Notifications panel



Touch and hold the bottom bar of the Notifications panel, and then slide your finger up the screen, or press BACK.

## 1.10 Applications

The **Applications** tab holds all installed applications on your phone. All icons of applications that you downloaded and installed from Android Market or from the web are also added to the Applications tab.

**Important** Some applications that are mentioned in the User Manual may not be available on your phone by default. The applications available on the phone depends on the region where you purchased the phone.

### To open the Applications tab

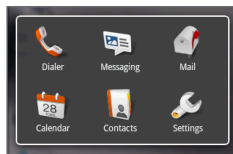
Press HOME, and then touch . To hide the Applications tab, touch .

**Tip** To open applications quickly, you can add the icons of frequently-used applications to the Home screen or to folders which you have created. For details, see “Customize the Home screen” earlier in this chapter.

## Recently-used applications

### To open a recently-used application

1. Press and hold the HOME button to open the recently-used applications window. The window displays the last six applications you have used after you turned on the phone.
2. Touch an icon in the window to open the related application.



## 1.11 Settings

Control and customize phone settings on the Settings screen.

To open the Settings screen, do any of the following:

- Press HOME > MENU, and then touch **Settings**.
- On the Home screen, touch the Applications tab, and then touch **Settings**.



<b>Wireless controls</b>	Configure your phone's wireless connections, such as Wi-Fi and Bluetooth, enable Airplane mode, or set the options for roaming, access point names (APNs), and more. See Chapter 6 for details.
<b>Call settings</b>	Set up call services such as voice mail, call forwarding, call waiting, and caller ID. See Chapter 2 for details.
<b>Sound &amp; display</b>	Set the call and notification ring tones, or set the screen brightness and screen timeout. See Chapter 10 for details.
<b>Data synchronization</b>	Select Google Apps™ and Microsoft® Exchange Activesync® items, if set up, to synchronize. See Chapters 5 and 9 for details.
<b>Location</b>	Select the GPS location source to use. See Chapter 7 for details.
<b>Security</b>	Set the screen unlock pattern or enable the SIM card lock. See Chapter 10 for details.
<b>Applications</b>	Manage applications and installation of new programs, or set keyboard shortcuts to launch applications. See Chapter 3 for details.
<b>SD card &amp; phone storage</b>	Check the available storage card and phone memory or reset the phone to its factory default settings. See Chapter 10 for details.
<b>Date &amp; time</b>	Set the date, time, time zone, and date or time format. See Chapter 10 for details.
<b>Locale &amp; text</b>	Set the operating system language and region, and configure text settings for faster and more accurate text input. See Chapter 3 for details.
<b>About phone</b>	View the phone status such as the network type, signal strength, battery level, and network name. You can also open this menu to view the legal information and software version of your phone.

## 1.12 Adjusting the Volume

Adjusting the **Ringer volume** changes the volume level of the phone ring tone, whereas adjusting the **Media volume** changes the volume level of sound notifications and music or video playback. The ringer volume and media volume can be separately adjusted.

### To adjust the ringer volume

You can adjust the Ringer volume when you are on the Home screen or any application screens (except during a call or when playing music/video).

1. Press the VOLUME UP or VOLUME DOWN buttons on the left panel of the phone to adjust the ringer volume to your desired level. The Ringer volume window appears on the screen to display the volume levels.
2. While in the lowest ringer volume level, press VOLUME DOWN once to set your phone to Vibrate mode. The phone vibrates and the vibrate mode icon () appears in the status bar.
3. While in Vibrate mode, press VOLUME DOWN once to mute your phone. The mute icon () displays in the status bar.

**Tip** To quickly switch your phone to silent mode, press and hold the **END CALL/POWER** button, and then touch **Silent mode** on the options menu.

You can also adjust the ringer volume on the Settings screen. To adjust, press HOME > MENU, and then touch **Settings > Sound & display > Ringer volume**.

### To adjust the media volume

When playing music or watching video, press the VOLUME UP or VOLUME DOWN buttons on the left panel of the phone to adjust the media volume to your desired level. The **Music/video volume** window appears on the screen to display the volume level.

You can also adjust the media volume on the **Settings** screen.

1. Press HOME > MENU, and then touch **Settings**.
2. Touch **Sound & display > Media volume**.



3. When the Media volume window appears, move the slider to the left (to lower the volume) or to the right (to increase the volume).
4. Touch **OK** to close the window.

## 1.13 Using the Phone's Storage Card as a USB Drive

To transfer music, pictures, and other files from your computer to your phone's storage card, you need to set the phone's storage card as a USB drive.

### To set the phone's storage card as a USB drive

1. Connect the phone to the computer using the USB cable. A notification icon appears in the status bar.
2. Open the Notifications panel. See "To open the Notifications panel" earlier in this chapter to learn how to open the Notifications panel.
3. In the Notifications panel, touch **USB connected**, and then touch **Mount**.  
**Note** When you select **Mount**, the phone will not recognize the storage card when it is connected to a computer. You will not be able to use some of the phone's applications such as Camera.
4. On your computer, navigate to the USB flash drive, and then open it.
5. Start moving or copying files between the computer and the storage card.
6. When finished, disconnect the phone from the computer.

### To remove the storage card while the phone is on

When you need to remove the storage card while the phone is on, you must unmount the storage card first to prevent corrupting or damaging the storage card.

1. Press **HOME > MENU**, and then touch **Settings**.
2. Scroll down the screen, and then touch **SD card & phone storage**.
3. Touch **Unmount/eject SD card**.
4. Remove the storage card by following the instructions in "To remove the storage card" earlier in this chapter.



# Chapter 2

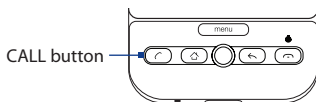
## Using Phone Features and Managing Contacts

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### 2.1 Making Calls

When you press the CALL (  ) button on your phone, the **Dialer** application opens.

You can place a call from the **Dialer**, or from the **Contacts**, **Call log**, or **Favorites** tab of the **Contacts** application.



#### Use the Dialer


Use the **Dialer** to enter and call a phone number. Do one of the following to open the **Dialer**.



- Press HOME, and then touch **Dialer**
- Press HOME, open the Applications tab, and then touch **Dialer**.
- Press the CALL button.

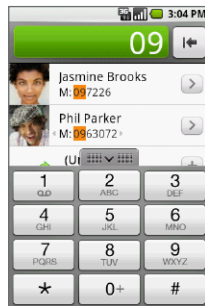
## To make a call on the Dialer

1. Touch the keys on the dialer to enter the phone number. As you enter numbers or letters, the screen will display matches found based on the phone keys you have touched.


The list is based on the contacts you have on your phone and **Call log**.

**Tip** If the phone keypad is not open, touch  at the bottom of the screen.

If you touched a wrong number key, touch  to erase each subsequent digit of a number. To erase the entire number, touch and hold .



**Note** After entering the first few digits and the number you are dialing is not in your contacts, an **Add to Contacts** button will appear above the keypad. Tap it to save the number to your Contacts.

2. Touch  to close the phone keypad and to see if there are more matching numbers or contacts. To browse through the filtered list, flick through the list or slide your finger up or down the list slowly.
3. Touch the contact you want to call to place the call.

**Note** If the number you want to call does not appear on the screen, continue dialing the number and then press CALL to place the call.

**Tip** During a call, press the VOLUME UP/DOWN buttons on the left panel of the phone to adjust the in-call volume.

### To make an emergency call


On the **Dialer**, enter the international emergency number for your locale (for example, 000), and then press the CALL button on your phone.

- Notes**
- When the screen is locked, press the MENU button, and then touch **Emergency call** to open the emergency dialer.
  - Additional emergency numbers may be included in your SIM card. Contact your wireless service provider for details.

### To make an international call

1. Touch and hold the number 0 key on the **Dialer** until the plus (+) sign appears. The plus (+) sign replaces the international prefix of the country that you are calling.
2. Enter the full phone number that you want to dial, and press the CALL button on your phone. The full phone number includes the country code, area code (without the leading zero, if any), and phone number.

### Call voice mail

The voice mail icon (  ) appears in the status bar when you receive a new voice mail message.

#### To call voice mail

1. Touch and hold the status bar, and then slide your finger downward on the screen to open the notifications panel.
2. Touch the new voice mail message item in the list.

#### To call voice mail from the Dialer

1. Press the CALL button.
2. Touch and hold the **number 1** key.

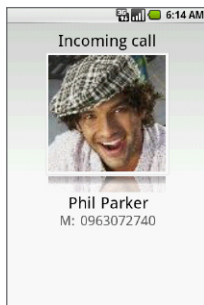
**Note** If you have not set up your voice mail number, a **missing voice mail number** error message appears on the screen when you touch and hold the number 1 key. For more information on how to set up your voice mail number, refer to “Adjusting the Phone Settings” in this chapter.

## 2.2 Answering or Rejecting Calls

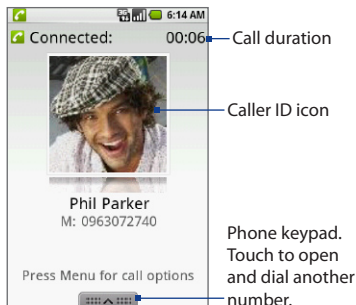
When you receive a phone call from someone in Contacts, the Incoming call screen appears and displays the caller ID icon, name, and phone number of the calling party. When you receive a phone call from someone who is not stored in Contacts, only the default caller ID icon and phone number will appear on the Incoming call screen.

### To answer an incoming call

Press the CALL button.



Incoming call screen



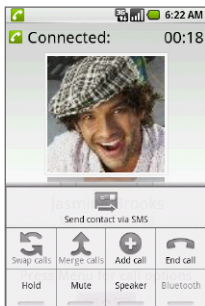
Answered call screen

### To reject an incoming call

Press the END CALL/POWER (⏻) button to reject and send the call to your voice mail.

## 2.3 Call Options

When a call is in progress, press MENU to open the call options. Touch the available buttons on the call options menu to put a call on hold, dial another contact for a phone conference, mute the phone microphone, and more.



Call options

**Note** When the phone is dialing, only the **End call** and **Speaker** buttons are enabled. Other buttons are disabled.

### To hold the call

Press MENU, and then touch **Hold** to hold the call. Touch this button again to resume the call. When you hold the call, the Hold call icon (📞) appears in the status bar.

### To mute the microphone during a call

Press MENU, and then touch **Mute** to toggle between turning the microphone on or off. When the microphone is turned off, the **Mute** button indicator lights up green and the mute icon (🔇) appears in the status bar.

**Note** If you are using the provided wired headset in a call, you can press the button on the wired headset to mute the microphone. Press the button again to unmute the microphone.

### To turn the speakerphone on or off

During a call, press MENU, and then touch **Speaker** to toggle between turning the speakerphone on or off. The **Speaker** button indicator lights up green and the speakerphone icon () appears in the status bar when the speakerphone is on.

**Warning!** To avoid damage to your hearing, do not hold your phone against your ear when the speakerphone is turned on.


### To transfer the call to a Bluetooth headset

When a Bluetooth headset is paired and connected with your phone, you can receive all incoming calls on the Bluetooth headset for hands-free conversation.

**Tip** During a call, press MENU, then touch **Bluetooth** to toggle between using the phone speaker and microphone or the paired Bluetooth device.

**Note** For more information on how to connect a Bluetooth headset or a Bluetooth car kit to your phone, see “Using Bluetooth” in Chapter 6.

When the Bluetooth headset is disconnected from your phone, do the following to reconnect it and transfer the ongoing call:

1. Make sure that Bluetooth on your phone and on the Bluetooth headset are on. See “Using Bluetooth” in Chapter 6 for details.
2. During a call, press HOME > MENU, and then touch **Settings**.
3. Touch **Wireless controls > Bluetooth settings**.
4. In the Bluetooth phones section, touch and hold the name of the Bluetooth headset that you have previously paired and connected to your phone, and then touch **Connect** on the pop-up window. When connected, the Bluetooth connected icon () appears in the status bar. The call is automatically transferred to the Bluetooth headset.
5. Press the CALL button to display the ongoing call screen.

To transfer the call back to your phone, on the ongoing call screen, press MENU, and then touch **Bluetooth**



### To end a call


When a call is in progress, you can do any of the following to hang up:

- Press the END CALL/POWER button.
- Press MENU, and then touch **End call**.
- If you are using the provided wired headset, press and hold the button to end the call.

If the phone number of the person who called is not in your Contacts list, you can choose to save the number after you hang up.

### To add a new phone number after a call

You can choose to save the number of the caller if it is not in your Contact list after you hang up.

1. Press CALL to open the Phone screen.
2. Touch and hold the received call that you want to save to your contacts list, and then touch **Save to contacts**.  
**Tip** You can also touch  at the right side of the number to add it to your Contacts.
3. When the Contacts screen appears, touch **Create new contact**. The received call number is automatically added to the **Mobile** phone field in the Phone numbers section.
4. Enter other information for the contact, if desired.
5. Scroll down the screen, and then touch **Save**.

### Manage multiple calls

Your phone notifies you when you have another incoming call, and gives you the option of rejecting or accepting the call. If you are already on a call and accept the new call, you can choose to swap between the two callers.

- Press the CALL button to take the second call, and put the first call on hold. You can also press MENU, and then touch **Hold current call & answer**.

## 54 Using Phone Features and Managing Contacts

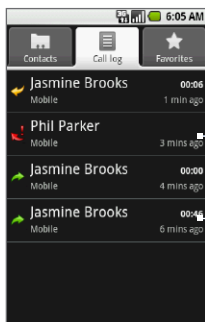
- To end the second call and return to the first call, press the **END CALL/POWER** button on your phone.
- To end the first call and take the incoming call, press **MENU**, and then touch **End current call & answer**.
- To swap between two calls, press **MENU**, and then touch **Swap calls**.

## 2.4 Using the Call Log

The **Call log** tab lists all missed calls (📞), dialed numbers (📞), and received calls (📞)

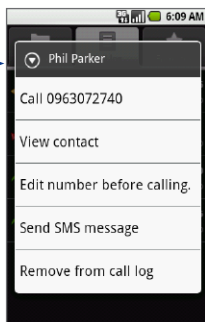
### To use the Call log tab

1. Press **CALL > MENU**, and then touch **Call log**.
2. Do any of the following:
  - Touch the name or number in the list to call.
  - Touch and hold a name or number in the list to display the options menu where you can select to call the contact, view the contact information (if the number is stored in your contacts list), edit the number before you redial, and more.



Touch and hold to open the options menu.

Touch to call the contact.





### To add a new phone number to **Contacts**

If the phone number of the person who called is not in your contacts list, you can choose to save the number after you hang up.

1. While on any screen, press **CALL > MENU**, and then touch **Call log**.
2. Touch and hold the received call that you want to save to your contacts list, and then touch **Add to contacts**.
3. When the **Contacts** screen appears, touch **Create new contact**. The received call number is automatically added to the **Mobile** phone field in the **Phone numbers** section.
4. Enter other information for the contact, if desired.
5. Scroll down the screen, and then touch **Save**.

**Note** For more information about creating contacts, see “Creating and Managing Your Contacts” in this chapter.

### To check a missed call

You will see the missed call icon  in the status bar when you missed a call. To check who the caller was, press the **CALL** button, and then touch the **Call log** tab. Missed calls are indicated by the missed call icon ().

**Tip** You can also touch and hold the status bar, and then slide your finger downward on the screen to open the notifications panel. The missed call number and/or contact name is displayed.

### To clear the **Call log**

Do any of the following:

- To remove a name or number from the **Call log** tab, touch and hold on the name or number, and then touch **Remove from call log**.
- To clear the entire **Call log**, press **MENU** then touch **Clear call log**.

## 2.5 Adjusting the Phone Settings

You can adjust the phone settings of your phone such as your voice mail number, or enable additional call services from your wireless service provider.


To open the phone settings menu, press HOME > MENU, and then touch **Settings > Call settings**.

Options	Description
<b>Fixed Dialing Number</b>	Restrict outgoing calls to a fixed set of numbers. To enable this feature you must know your SIM card's PIN2 code.
<b>Voicemail</b>	Specify another voice mail number aside from the voice mail number on your SIM card.
<b>Call forwarding</b>	Select how you want your phone to handle busy, unanswered, and unreachable calls. You can also set the call forwarding option for all incoming calls.
<b>Additional call settings</b>	Enable or disable caller ID and call waiting services.
<b>Network operators</b>	Scan and select a network operator manually, or set the network selection to <b>Automatic</b> .

## 2.6 Turning the Phone Function On and Off

In many countries, you are required by law to turn off the phone while on board an aircraft. A way to turn off the phone function is to switch your phone to **Airplane mode**. When you enable Airplane mode, all wireless radios on your phone are turned off, including the phone function, Bluetooth, and Wi-Fi.

### To enable or disable Airplane mode

1. Press HOME > MENU, and then touch **Settings > Wireless controls**.
2. Select the **Airplane mode** check box to enable or disable Airplane mode. When enabled, the Airplane mode icon (  ) displays in the status bar.

**Tip** When you disable Airplane Mode, the phone function is turned back on and the previous state of Bluetooth and Wi-Fi is restored.

## 2.7 Creating and Managing Your Contacts

Similar to an online address book, the **Contacts** application gives you quick and easy access to the people you want to reach. You can view and create contacts on your phone and sync with your Gmail contacts on the web. You can also import contacts stored on your SIM card, a Microsoft Exchange ActiveSync account, and Microsoft® Office Outlook®.

### To open Contacts

Press HOME, and then touch **Contacts**. You can also press CALL > MENU, and then touch **Contacts**. Contacts has these tabs: **Contacts**, **Call log**, and **Favorites**.

### Contact sources

#### Gmail contacts

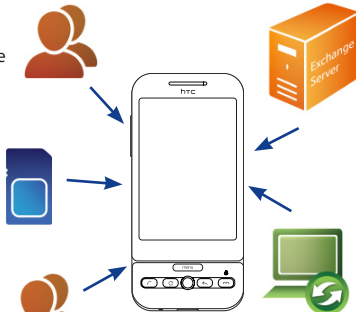
Gmail contacts are imported to your phone after you set up a Google Account.

#### SIM card

See “To import contacts from the SIM card” in this chapter for details.

#### Phone contacts

See “To add a new contact on the phone” in this chapter for details.



#### Exchange

##### ActiveSync Server

See “To import contacts from the Microsoft Exchange ActiveSync Server” in this chapter for details.

#### Outlook contacts

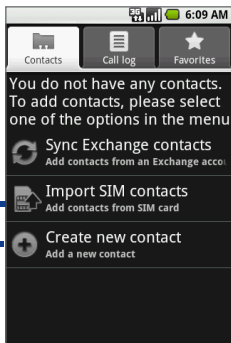
See “Synchronizing Microsoft Office Outlook Contacts” in this chapter for details.

## Add a new contact

When you open Contacts for the first time, you are presented with options on how you can easily import your contacts into your phone.

Touch to import contacts stored on your SIM card into the phone. Refer to “To import contacts from the SIM card” in this chapter for details.

Touch to create a new contact on the phone.



Touch to import contacts from your Exchange ActiveSync account. If you do not have an Exchange ActiveSync account, you will be taken to the set up screen. For more information about setting up an Exchange ActiveSync account, refer to Chapter 5.

**Note** This screen will only appear if you do not have any contacts on the phone.

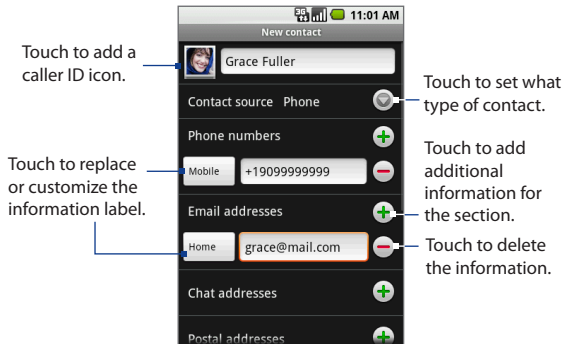
### To add a new contact on the phone

1. In the **Contacts** tab, touch **Create new contact**.

**Note** If you have contacts already in the phone, press **MENU** and then touch **New contact**.

2. Enter the contact's name and other contact information such as their mobile phone number, home phone number, or email address. Slide your finger up or down on the screen to see more labels.

**Note** To change a default information label, for example **Home email** to **Work email**, touch the information label button, and then select another label on the menu. You can also touch **Custom** on the menu to create another information label that is not in the list.



**Note** If you want all calls from this contact to go directly to your voicemail, select the **Incoming calls** check box.

3. When finished, press MENU and then touch **Done**.

### To import contacts from the SIM card

You can add contacts saved on your SIM card to your phone's contacts list.

1. In the **Contacts** tab, touch **Import SIM contacts**. Wait for the SIM card contacts to load.

**Note** If you have contacts already in the phone, press MENU, and then touch **Import contacts**.

2. Do one of the following:

- To import a contact, touch the contact you want to import. This opens the **New contact** screen where you can edit the contact details before saving.
- To import all contacts, press MENU, and then touch **Import all**.

### To import contacts from the Microsoft Exchange ActiveSync Server

If you have set up an Exchange ActiveSync account on your phone, you can add contacts from that account to the phone's Contacts list.

1. In the **Contacts** tab, touch **Sync Exchange contacts**.

**Note** If you already have contacts in the phone, press **MENU**, and then touch **Company directory**.

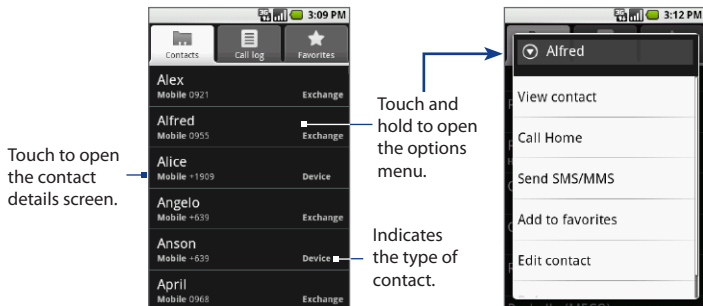
2. Enter the name of the person you want to add and then touch **Search**.
3. In the search results, touch the name of the person you want to add to your Contacts list.
4. In the contact's details screen, press **MENU** and then touch **Add to contacts**.

### To synchronize contacts from Microsoft Office Outlook

Refer to "Synchronizing Microsoft Outlook Contacts" in this chapter for details.

### View your contacts

To view your contacts, press **HOME**, and then touch **Contacts**.





- Notes**
- When the contact is imported from your Gmail account, the word **Google** will appear at the right side of the contact.
  - If you imported a contact from a Microsoft Exchange ActiveSync account, the word **Exchange** will appear at the right side of the contact.
  - If you synchronized the phone with Microsoft Office Outlook contacts on your computer, imported from the SIM card, or created a contact on the phone, the word **Phone** will appear at the right side of the contact. See “Synchronizing Microsoft Outlook Contacts” in this chapter for details.
- Tip** When you reply to or forward an email message to an email address that is not previously stored in Contacts, the email address is automatically added to your contacts list.

## Add favorite contacts

Use the **Favorites** tab as a way to filter your contacts list.

1. In the contacts list, touch and hold the contact to open the options menu.
2. Touch **Add to favorites**.

**Tip** You can also add a contact to the **Favorites** tab by touching the star (★) on a contact’s contact details screen.

### To remove a contact from the Favorites tab

On the **Favorites** tab, touch and hold the contact you want to remove and then touch **Remove from favorites** on the options menu.

## Edit and customize your contacts


### To edit contact information

You can always make changes to the information you have stored for a contact.

1. In the contacts list, touch and hold the contact whose information you want to edit, then touch **Edit contact**.
2. Edit the contact information, then touch **Save**. To ignore all changes you made, touch **Discard changes**.

### To change the contact's default phone number

The default phone number of a contact appears below the contact's name in the contacts list. The default phone number is used when you initiate a call or send an SMS/MMS message from the contacts list (by touching and holding a contact). You can change the contact's default phone number.

1. In the contacts list, touch the contact to open the contact details screen.
2. Touch and hold the phone number you want to use as the contact's default phone number, then touch **Make default number**. The default phone number moves on top of the list and is marked with .
3. Press BACK to save your changes.

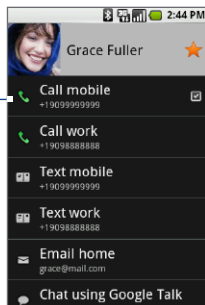
### Communicate with your contacts

From the contacts list, you can quickly call or send a text or multimedia message to a contact's default phone number.

However, to view all the information you have stored for a contact, and to initiate other types of communication with that contact, open the contact details screen.

To open the contact's details screen, touch the contact name in the contacts list.

Default  
phone  
number.



### To call a contact

Do one of the following:

- In the contacts list, use the TRACKBALL to navigate to the contact you want to call, and then press the CALL button. The contact's default phone number is dialed.

- To dial a different number for the contact, touch the contact's name in the contacts list to open the contact details screen, and then touch a phone number below the Dial number section.

### To send a text or multimedia message to a contact

The contact must have a mobile phone number in their contact details for you to send them a text or multimedia message.

Do one of the following:

- When the contact's default number is a mobile phone number, touch and hold the contact's name in the list, and then touch **Send SMS/MMS** on the options menu.
- Touch the contact in the list to open the contact details screen, and then touch **Text mobile**, **Text work**, or another text option.

A compose screen opens for your message.

**Note** For more information about composing and sending text and multimedia messages, see Chapter 5.

### To send an email to a contact

The contact must have an email address in their contact details for you to send them an email.





1. In the contacts list, touch the contact you want to send the email to.
2. When the contact details screen opens, touch **Email home**, **Email work**, or another email option. A compose screen opens for your new email.

**Note** If you have more than one email account set up on your phone, you will be prompted to select which account to use to send the message.

**Note** For more information about composing and sending email messages, see Chapter 5.

## Keyboard shortcuts in Contacts

### Contacts list screen

To	Do this
Create a new contact	Press  + n
View the contact details	Press 
Call the contact	Press 
Jump to the top or bottom of the contacts list	Press  , and then roll the TRACKBALL up/down

### Contact details screen

To	Do this
Edit the contact details	Press  + e

## 2.8 Synchronizing Microsoft Office Outlook Contacts

HTC Sync™ lets you synchronize Outlook, Windows Address Book (Outlook Express), or Windows contacts on your PC with your phone.

**Requirement** You need Outlook 2000/2002/2003/2007, Windows Address Book (Outlook Express), or Windows Contacts and Windows XP Service Pack 2 (SP2) or higher or Windows Vista to synchronize contacts.


**Note** If you have a Microsoft Exchange account, you can set up an Exchange email account and synchronize emails, contacts, and calendar items from the Exchange account. To set up a Microsoft Exchange email account, see “Add a Microsoft Exchange ActiveSync account” in Chapter 5 for details.

## Install HTC Sync on your PC

You can install the HTC Sync from the provided microSD card.

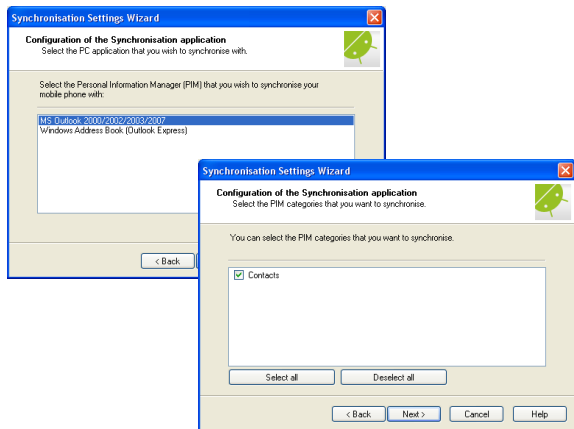
1. Make sure the microSD card is installed on the phone and then connect the phone to the computer using the provided USB cable.
2. Set the phone as a USB drive. To learn how, see “To set the phone’s storage card as a USB drive” in Chapter 1.
3. On the computer, copy HTCSync.exe from the storage card to the computer’s desktop.
4. Double-click HTCSync.exe and then follow the installation instructions on the screen.

## Set up HTC Sync

1. On your computer, run HTC Sync.
2. Connect the phone to the computer using the provided USB cable.  
**Note** On your phone, check the status bar for the HTC Sync icon () to know if the phone recognizes HTC Sync.
3. The first time you synchronize the phone, the Synchronization Settings Wizard starts automatically to help you set up HTC Sync.
4. On the **Synchronisation Settings Wizard** screen, click **Next**.
5. Select the PC application you want to synchronize with and then click **Next**.

6. Select the categories you want to synchronize and then click **Next**.

**Note** After clicking **Next**, you may be asked to select additional categories. This page will only appear if any additional categories are supported by the connected phone.



7. Select when to synchronize data and then click **Next**.
8. Check the settings that you have chosen and then click **Finish**.

**Note** By default, synchronization will start when you click **Finish**. If you do not want synchronization to start right away, clear the **Start synchronisation when I click Finish** check box.

If you want to have more customization features when setting up HTC Sync, you can use **Manual settings**. To learn how to set up HTC Sync using Manual settings, consult the HTC Sync help on your PC. To learn how to open the help, see "To open HTC Sync help" later in this chapter.

## Synchronize contacts

When you set up HTC Sync, you were asked to set when you want to synchronize with the PC. Depending on the option you have selected, you may need to manually start synchronization or it will automatically start synchronization when you connect the phone to the PC.

### To synchronize contacts

- If you chose **I want to synchronise automatically each time I connect my mobile phone** or **Automatic start of synchronisation, every time mobile phone is connected**, follow this procedure:
  1. On your PC, open HTC Sync.
  2. Connect the phone to the PC using the USB cable.
  3. Synchronization will automatically start.
- If you chose **I want to start the synchronisation manually** or **Do not sync automatic, manual start**, follow this procedure:
  1. On your PC, open HTC Sync.
  2. Connect the phone to the PC using the USB cable.
  3. On the HTC Sync window, Click **Synchronise Now**.
- If you chose **Schedule automatic synchronisation**, follow this procedure:
  1. On your PC, open HTC Sync.
  2. Connect the phone to the PC using the USB cable.
  3. Synchronization will start depending on the date and time you set.

## Advanced options

Open the HTC Sync Sync Manager comprehensive help file to learn more about the advanced features of Sync Manager.

### To open HTC Sync help

1. On your PC, open HTC Sync.
2. On the HTC Sync window, click **Sync Manager**.
3. On Sync Manager menu bar, click **Help > Sync Manager Help**.



# Chapter 3

## Entering Text

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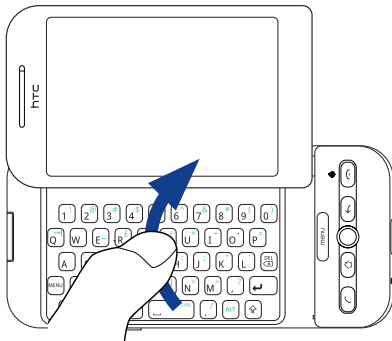
### 3.1 Using the Keyboard

When you start an application or select a field that requires text or numbers, you can open and use the QWERTY keyboard to enter information. The keyboard is similar to a standard keyboard on your computer.

#### Open the keyboard

1. Hold your device sideways, with the control buttons on the right.
2. Push the screen panel up to reveal the keyboard.








**Note** The screen automatically changes to landscape orientation when you open the keyboard, except in Browser and Pictures, where you can set the screen orientation depending on your preference.



















## Use the keyboard

You can do the following with the keyboard:



To	Do this
<b>Enter lowercase letters and numbers</b>	Press the keys using your thumbs or fingers.
<b>Enter all letters in uppercase</b>	Press SHIFT (  ) twice. Press  again to change back to all lowercase letters.
<b>Enter a single uppercase letter</b>	Press  and then press the corresponding key.
<b>Enter the symbol or punctuation mark printed at the upper right corner of an alphabet key</b>	Press ALT (  ), and then press the corresponding key.
<b>Enter the symbol or punctuation mark printed at the upper right corner of a numeric key</b>	Press  and then press the corresponding key.
<b>Insert a special character</b>	Press  + SPACEBAR (  ) to open the special character window. Touch the special character on the screen to insert it into your text.

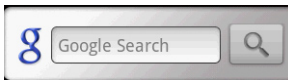
To	Do this
Insert an @ character	<ul style="list-style-type: none"> <li>Press .</li> <li>Press  + 2.</li> </ul>
Delete the character to the left	Press DEL (  ).
Delete the character to the right	Press  +  .
Delete the entire line of text	Press  +  .
Move the cursor to the beginning or end of the line	Press  , and then roll the TRACKBALL to the left or right
Create a tab character	Press  + q
Select text	Press  +  , and then roll the TRACKBALL
Select all text in a field	<ul style="list-style-type: none"> <li>Press  + a</li> <li>Highlight the text, press and hold the TRACKBALL, and then touch <b>Select all</b> on the menu.</li> </ul>
Cut text	<ul style="list-style-type: none"> <li>When the text is highlighted (selected), press  + x</li> <li>Highlight the text, press and hold TRACKBALL, and then touch <b>Cut</b> on the menu.</li> </ul>
Copy text to the clipboard	<ul style="list-style-type: none"> <li>When the text is highlighted (selected), press  + c</li> <li>Highlight the text, press and hold TRACKBALL, and then touch <b>Copy</b> on the menu.</li> </ul>
Paste text copied on the clipboard	<ul style="list-style-type: none"> <li>When the text is highlighted (selected), press  + v</li> <li>Highlight the text, press and hold TRACKBALL, and then touch <b>Paste</b> on the menu.</li> </ul>
Undo change	Press  + z


## Use the special keys

### Search

Press the **Search** key to search information on the current screen or application. For example, while in the **Contacts** tab, press the **Search** key to search contact-related information such as names, phone numbers, or e-mail addresses in your contacts list.

Press the **Search** key while in Maps to search for places of interest. Press the **Search** key while in the Home screen or Browser to launch Google search and search information on the web.




In any search bar, enter the information you want to search, and then press  again, or touch the **Search** button on the screen.

### Menu

Instead of pressing the MENU button, you can press the **Menu** key on the keyboard to open the menu for each screen. This means that, with the keyboard open, you can open the a screen menu using your left hand (by pressing the **Menu** key) and select a menu option with your right hand (by rolling and pressing the TRACKBALL).

## Create application shortcuts

You can set keyboard shortcuts that open individual applications when used together with the **Search** key. For example, if the shortcut to the **Browser** application is “b”, and then on any application screen on your device, you could press  + b to open the Browser application.

### To assign a shortcut key to an application

1. Press HOME > MENU, and then touch **Settings**.
2. Scroll down the screen, and then touch **Applications > Quick launch**.  
**Note** The keyboard shortcuts are organized alphabetically first (a to z), and then followed by numbers 1 to 9.
3. Touch an unassigned letter or number.
4. When a list of all installed applications appears, touch the application that you want to assign the shortcut.

### To replace a shortcut key

By default, some applications have already been assigned shortcuts, such as “b” for Browser. You can change or replace these default shortcuts.

1. Press HOME > MENU, and then touch **Settings**.
2. Scroll down the screen, and then touch **Applications > Quick launch**.
3. Touch the application shortcut you want to replace, and then select the new application that you want to assign the shortcut.

## 3.2 Adjusting the Text Settings

You can configure the text input settings for faster and more accurate text input.

### To adjust the text settings

1. Press HOME > MENU, and then touch **Settings**.
2. Scroll down the screen, and then touch **Locale & text > Device keyboard**.
3. Enable or disable the following options according to your preference:
  - **Auto-replace.** Turn this feature on to automatically correct commonly mistyped words. The Auto-replace function is not a spell-checker.

- **Auto-cap.** When enabled, the first letter in a text field or the first letter after a period ( . ), question mark ( ? ), or exclamation point ( ! ) is automatically capitalized.
- **Auto-punctuate.** When enabled, a period ( . ) is automatically inserted to the text when you press the SPACEBAR twice.

**Note** All text settings are enabled by default.

# Chapter 4

## Managing Your Time

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### 4.1 Using Calendar

Use **Calendar** to create and manage events, meetings, and appointments. Depending on your synchronization settings, the Calendar on your phone stays in sync with your Calendar on the web.

**Note** For more information about Calendar synchronization, see “Synchronizing Google Apps” in Chapter 10.

#### Open Calendar

1. Press HOME, and then touch the Applications tab.
2. Touch **Calendar**.

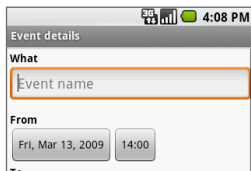
#### Create events

##### To create an event

1. On any Calendar view, press MENU and then touch **New event** to open the Event details screen.
2. Enter the event name using the keyboard.

**3.** Do one of the following:

- If there is a time frame for the event, touch the **From** and **To** date and time to set them.
- If it is a special occasion such as a birthday or a whole-day event, set the **From** and **To** date, then select the **All Day** check box.

**4.** Enter the event location and description.**5.** If you have more than one calendar, select the **Calendar** where you want to save the event.

**Note** You can create multiple calendars, such as Personal, Business, or Family, using Calendar on the web. Depending on your synchronization settings, these calendars are added to your phone when you synchronize the Calendar. For more information on how to create calendars, go to <http://www.google.com/support/calendar/bin/answer.py?answer=37095&topic=15281>.

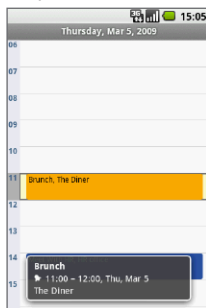
**6.** Set the event reminder time in **Reminders**, and then select whether the event is recurring in **Repeats**.**7.** When finished, touch **Save**.

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

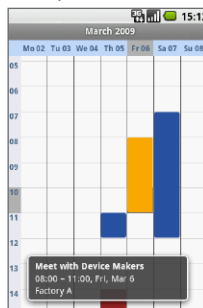


## Calendar views

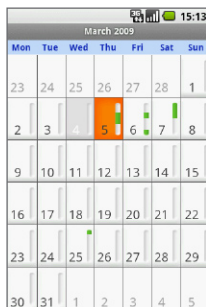
You can display the Calendar in daily, weekly, monthly, or agenda view. To change the Calendar view, press MENU, and then touch **Day**, **Week**, **Month**, or **Agenda**.



Day view



Week view



Month view




Agenda view

While in a calendar view you can:

- To quickly view the event's details while in Day or Week view, highlight it using the TRACKBALL. A **quick view** window appears on the lower part of the screen.
- Touch an event to edit or view details.
- Touch and hold an event to open a window with options for viewing, editing, or deleting that event, or creating a new event.

## Event reminders

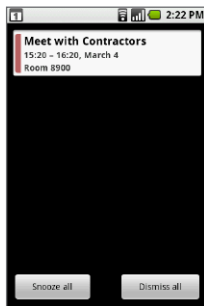
If you have set at least one reminder for an event, the upcoming event icon  will appear in the notifications area of the status bar to remind you of the upcoming event.

### To view, dismiss, or snooze the reminder

1. Touch the status bar, then slide your finger down the screen to open the Notifications panel.
2. Touch the upcoming event name to display the event.

**Note** If you have other pending event reminders, these events will also appear on the screen.

3. Do one of the following:
  - Touch **Snooze all** to snooze all event reminders for five minutes.
  - Touch **Dismiss all** to dismiss all event reminders.
  - Press BACK to keep the reminders pending in the notifications area of the status bar.












## Synchronize Exchange ActiveSync Calendar

If you have set up a Microsoft Exchange ActiveSync account on your phone, you can also synchronize Exchange ActiveSync calendar events on your phone. Calendar events on your Exchange ActiveSync will also show in Calendar if you chose to synchronize with the Exchange ActiveSync Server.




To check if Exchange ActiveSync items are set to be synchronized, go to the Home screen and press MENU and then touch **Settings > Data synchronization > Exchange ActiveSync**.

## Keyboard shortcuts in Calendar

### On any Calendar view

To	Do this
Create a new event	Press  + n
Go to today's calendar	Press  + t
Switch to Agenda view	Press  + a
Switch to Day view	Press  + d
Switch to Week view	Press  + w
Switch to Month view	Press  + m
Open highlighted event details	Press 
Edit highlighted event details	Press  + e
Remove highlighted event	Press 

**Event details screen**

To	Do this
<b>Add an event reminder</b>	Press  + r
<b>Edit the event details</b>	Press  + e
<b>Delete the event</b>	Press 

**Edit Event details screen**

To	Do this
<b>Add an event reminder</b>	Press  + r

## 4.2 Using Alarm Clock



Use your phone as an alarm clock. **Alarm Clock** lets you set an unlimited number of alarms.

**To open Alarm Clock**

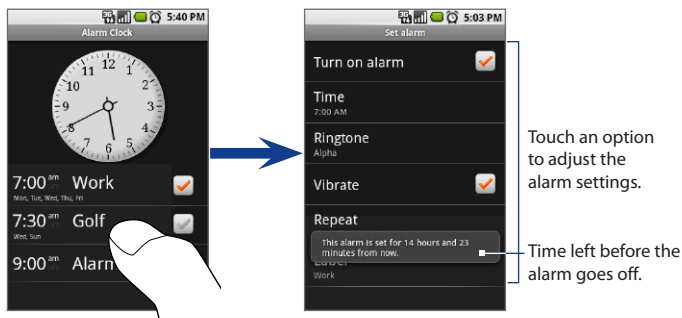
Press HOME, touch the Applications tab and then touch **Alarm Clock**.

When you open Alarm Clock for the first time, three alarms are set up by default, ready for you to customize. All three alarms are turned off by default.

**Set an alarm**

1. Touch a default alarm.
2. Touch **Time** to set the alarm time. Adjust the time by touching  or . Touch **AM** to change to **PM** or vice versa, then touch **Set** when finished.

**Note** The number of hours and minutes left before the alarm goes off briefly displays at the lower part of the screen after you set the alarm time.



3. Touch **Ringtone**, then select the alarm ring tone. The ring tone briefly plays when selected.  
**Note** Touch **Vibrate** if you want the phone to also vibrate when the alarm goes off.
4. Touch **Repeat** to select the days you want the alarm to sound, then touch **OK**.  
**Note** By default, the alarm repeat is set to **Never** which means that your alarm will only go off once.
5. Touch **Label** to set a name for the alarm.
6. Press **BACK** to return to the Alarm Clock screen.

**Note** If you need to set more than 3 alarms, you can add more alarms by pressing **MENU** and then touching **Add alarm** while on the Alarm Clock screen.

You can temporarily disable an alarm by clearing the check box (by touching it) of the alarm on the Alarm Clock screen.

## Customize Alarm Clock

You can change the appearance of the clock displayed on the Alarm Clock screen.

1. On the Alarm Clock screen, touch the clock with your finger to open the clock selection screen. Available clock displays appear at the bottom of the screen.
2. Slide your finger left or right on top of the clock displays to view them.
3. Touch the clock display you want.

**Note** To change the date and time format displayed in your alarms, see “Set the date, time zone, and time” in Chapter 10.

## Delete an alarm

1. On the Alarm Clock screen, touch the alarm you want to delete.
2. On the Set alarm screen, press MENU and then touch **Delete alarm**.

# Chapter 5

## Exchanging Messages

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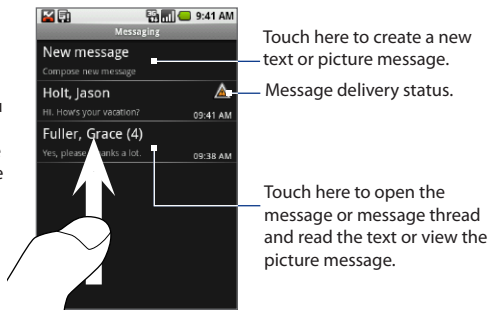
### 5.1 Sending Text and Multimedia Messages

**Messaging** lets you compose and send text (SMS) and multimedia messages (MMS) to other mobile phones.

#### Open Messaging

To open the Messaging application, press HOME, touch the Applications tab, then touch **Messaging**. The message list appears.

If the list is long, you can scroll up the screen to view more messages, or roll the TRACKBALL down.



## Create and send SMS and MMS messages

You can compose text (SMS) messages of up to 160 characters. If you continue to type after the limit is reached, your message will be delivered as one, but count as more than one message. These are called concatenated messages.

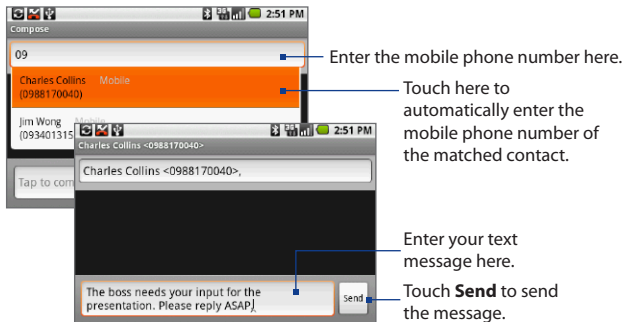
Multimedia messages, also known as MMS, can contain text and a picture, a recorded voice, an audio file, or a picture slideshow.

**Note** Messaging automatically converts a text message into a multimedia message when you entered an email address in the **To** field, added a message subject, or attached an item.

### To create and send a text message

1. On the Messaging screen, touch **New message**. The Compose screen opens.
2. Open the keyboard, then enter the mobile phone number of the message recipient in the **To** field. As you enter the phone number, matching contacts will appear on the screen. Touch a recipient or continue entering the recipient's phone number.


**Note** Messaging automatically converts a text message into a multimedia message when you entered an email address in the **To** field, added a message subject, or attached an item.








3. Roll the TRACKBALL down to select the text box, then start composing your message.




**Note** As you near the 160-character limit, a counter will appear in the top right corner of the text box to tell you how much characters are left. Once you go over that limit, a new message is created but automatically joined into one when received.

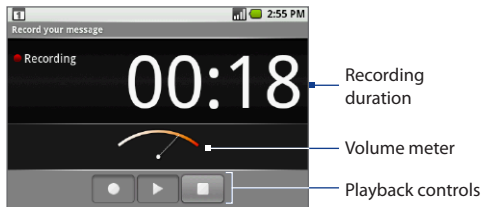
4. When done, touch **Send** or press  to send the text message. The send progress is displayed at the right side of the message in the message thread or in the message list.


**Note** To receive delivery reports and know when a text message is received, in the message list, press , then touch **Settings**. In the SMS settings section, select the **Delivery reports** check box.

### To create and send a multimedia (MMS) message

1. On the Messaging screen, touch **New message**. The Compose screen opens.
2. Open the keyboard, and then enter the mobile phone number or email address of your message recipients in the **To** field. As you enter the phone number or email address, matching contacts will appear on the screen. Touch a recipient or continue entering the recipient's phone number or email address.
3. Press , touch **Add subject**, then enter your message subject.
4. Roll the TRACKBALL down to select the text box, then enter your message.
5. Press  and touch **Attach**.
6. On the Attach window, select from the following file attachments:
  - **Pictures**. Opens the Gallery application. Touch a picture on the screen to attach it to your message.
  - **Capture picture**. Opens the Camera application. Take a picture of your subject, and then touch **Select this picture** to attach it to your message. For more information about the Camera application, refer to "Using the Camera and Camcorder" in Chapter 8.

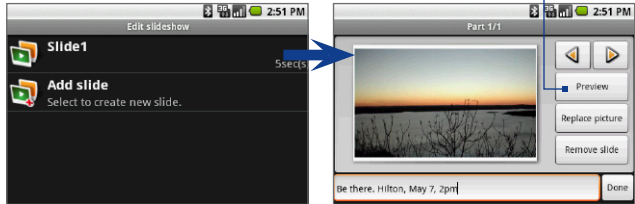
- **Videos.** Opens the Gallery application. Touch a video on the screen to attach it to your message.
- **Capture video.** Opens the Camcorder application. Take a video, and then touch **Select this video** to attach it to your message. For more information about the Camcorder application, refer to “Record videos” in Chapter 8.
- **Audio.** Opens the Select audio menu. Touch an audio file to select, and then touch OK to attach the file into your message.
- **Record audio.** Touch to open the message recorder. Touch  to start recording your message, then touch  to stop. To listen to your recording, touch . Touch **Use this recording** to attach the recording into your message.



- **Slideshow.** Touch to open the Edit slideshow screen. Touch **Add slide** to create a new slide. Touch the created slide (for example, Slide 1), touch **Add picture**, then select the picture you want to add to the slide. You can also navigate to the text box and enter a caption for the picture. Press  to preview the slide, remove the picture, add a music, add another slide, or change the slide duration or layout.

When finished, touch Done to attach the slideshow to your message.

Touch **Preview** to view the slide.



**Tip** You can create a slideshow of up to ten slides. When editing multiple slides, touch to edit the next slide or touch to return to the previous slide.

- Notes**
- To view the slideshow, touch the **Preview** button while editing the slideshow, or touch the **Play** button on the Compose screen.
  - To remove or replace a picture or an audio attachment, on the Compose screen, touch the **Remove** button beside the attachment. To remove a slideshow attachment, on the Compose screen, touch **Edit**, press , then touch **Discard slideshow**.
7. When you are finished composing the multimedia message, touch **Send** or press . The send progress is displayed at the right side of the message in the message thread or in the message list.

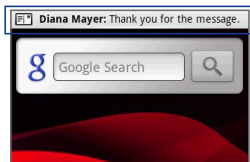
**Note** To receive delivery reports and know when a picture message is received, in the message list, press , then touch **Settings**. Select the **Delivery reports** check box below the MMS settings section.


### To save a message as a draft

While composing a text or multimedia message, press the BACK button () to automatically save your message as a draft. To resume composing the message, in the message list, touch and hold the draft message, and touch **View**. Continue editing the message, then touch **Send** or press to send it.

### Receive text and multimedia messages

Depending on your notification settings, the device will play a ring tone, vibrate, or display the message briefly in the status bar when you receive a new text or multimedia message. To change the notification for new text and multimedia messages, see “Adjust text and multimedia settings” later in this chapter.



A new message icon (  ) also appears in the notifications area of the status bar to notify you of a new text or multimedia message. To open the message, refer to the next section.


### Manage messages and message threads

Text and multimedia messages that are sent to and received from a contact (or a number) are grouped into conversations or message threads. Threaded text or multimedia messages let you see exchanged messages (similar to a chat program) with a contact on the screen. Message threads are listed in order of when you received them, with the latest message on top of the thread.

#### To open and read a text message

Do any of the following:

- On the Home screen, touch and hold the status bar, then slide it down to open the notifications panel. Touch the new message to open and read it.
- While in the message list, touch the text message or message thread to open and read it.

To return to the message list from a text message thread, press , then touch **All threads**.

- Notes**
- To view the details of a particular message, in the message thread, touch and hold the message to open the options menu, and then touch View message details.
  - If a message contains a link to a web page, touch the link to open Browser and view the web page.
  - If a message contains a phone number, touch the message to open the Dialer so you can call the number.


### To open and view a multimedia message

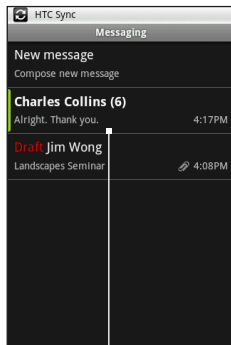
1. In the message list, touch a multimedia message or message thread.
2. Touch the **Play** button at the right side of a multimedia message to view it.

**Tip** You can save the file attachment on the multimedia message to the SD card. To save, touch and hold the file and then touch Copy attached to SD card on the options menu.

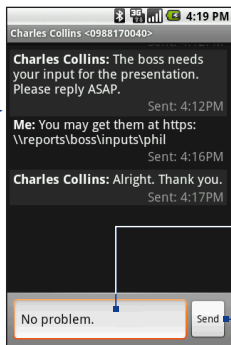
- Notes**
- When **Auto-retrieve** in MMS settings is disabled, only the message header is downloaded. To download the entire message, touch the **Download** button at the right side of the message. Once the message has downloaded, touch the **Play** button to view the message. For details, see “Adjusting text and multimedia message settings” later in this chapter.
  - If you are concerned about the size of your data downloads, check the multimedia message size before you download it.

### To reply to a text or multimedia message

1. In the message list, touch a text or multimedia message thread to open it.
2. Use the TRACKBALL to navigate to the text box at bottom of the screen, enter your reply message, and then touch **Send** or press .




Touch to open the message.




Enter your reply message here.

Touch to send your reply.

### Tip

To reply to a text message with a multimedia message, open the text message, press , then touch **Add subject**, or **Attach**. The text message is automatically converted into a multimedia message.

### To delete a message or a message thread

1. In the message list, touch the message thread that you want to delete.
2. Do any of the following:
  - To delete the entire thread, press , then touch **Delete thread**. When prompted to confirm deletion, touch **OK**.
  - To delete a message in a thread, touch and hold the message that you want to delete, then touch **Delete message** on the options menu. When prompted to confirm deletion, touch **OK**.

3. To delete all message threads, press BACK to return to the message list, press , then touch **Delete threads**.

## Adjust text and multimedia message settings

In the message list, press  and touch **Settings** to adjust the text or multimedia message settings. You can set the following options:

### SMS settings

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<b>Delivery reports</b>	Select this option to receive a report on the delivery status of your message. For more information, refer to “Reading delivery reports” earlier in this chapter.
<b>Manage SIM card messages</b>	Touch to view text messages stored on your SIM card. You can also delete or copy these messages to your device’s memory.

---

### MMS settings

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<b>Delivery reports</b>	Select this option to receive a report on the delivery status of your message. For more information, refer to “Reading delivery reports” earlier in this chapter.
<b>Read reports</b>	Select this option if you want to receive a report whether each recipient has read or has deleted the message without reading it.
<b>Auto-retrieve</b>	Select this option to automatically retrieve all your MMS messages completely. When selected, the MMS message header plus the message body and attachments will automatically download to your device. If you clear this check box, only the MMS message header will be retrieved and shown in your message list.
<b>Roaming auto-retrieve</b>	Clear this option if you only want the MMS message headers to download while roaming. Select this option to automatically download your complete multimedia messages even while roaming.

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## Notification settings

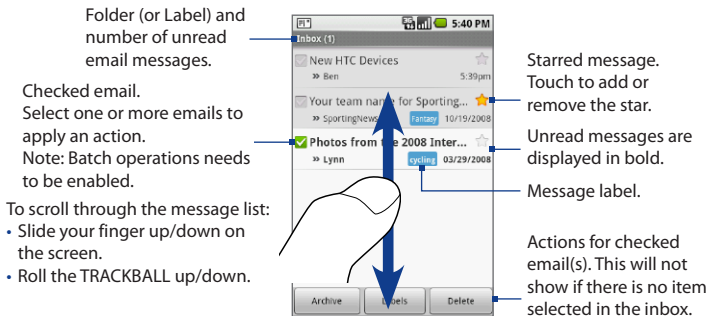
<b>Notifications</b>	Select this option if you want to receive a notification in the status bar when a new text or multimedia message arrives.
<b>Select ringtone</b>	If you want the device to ring when a new message arrives, touch this option, then select a ring tone that is specific to new text and multimedia messages. Note that the ring tone briefly plays when selected.
<b>Vibrate</b>	Select this option if you want the phone to vibrate when a new text or multimedia message arrives.

## 5.2 Using Gmail

**Gmail** is Google's web-based email service. Gmail is configured when you first set up your phone. Depending on your synchronization settings, Gmail on your phone is automatically synchronized with your Gmail account on the web. For more information about synchronization, see Chapter 10.

### To open Gmail

Press **HOME**, touch the Applications tab, and then touch **Gmail**.





The Inbox conversations list (hereinafter referred to as Inbox) is your default Gmail view. All your received emails are delivered to your Inbox.

### To refresh Gmail

Press MENU and then touch **Refresh** to send or receive new emails and to synchronize your emails with your Gmail account on the web.

## Create and send emails

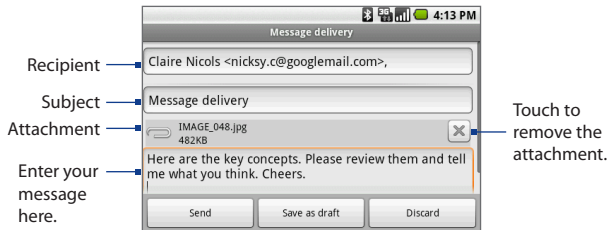
### To create and send an email

1. In the Inbox, press MENU 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 a comma. You can add as many message recipients as you want.

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

3. Enter the email subject, and then compose your email.

**Tip** If you want to add a picture attachment, press MENU and then touch **Attach**. Select the picture you want to attach, and then touch **OK**.




4. After composing your email, touch **Send**.

**Note** While composing the message, touch **Save as draft** or press the BACK button to save it as a draft. To view your draft email messages, in the Inbox, press MENU and then touch **View labels > Drafts**.

### To add a signature to emails

You can add a signature to email messages that you send.

1. In the Inbox, press MENU and then touch **Settings** > **Signature**.
2. Enter your signature in the text box, and then touch **OK**.


**Tip** You can create a signature consisting of multiple lines of text. At the end of each line of text, press  on the keyboard to create another line.

### To view your sent messages

In the Inbox, press MENU and then touch **View labels** > **Sent**.

## Receive and read emails

Depending on your notification settings, the phone plays a ring tone, vibrates, or displays the email message briefly in the status bar when you receive a new email.

A new email message (  ) icon also appears on the notifications area of the status bar to notify you of a new email.

**Note** For more information on email notification settings, refer to the “Set new email notifications” section later in this chapter.

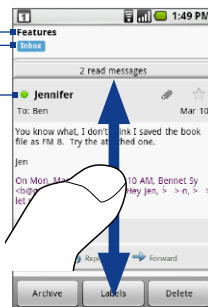
Gmail groups each message you send with all the responses you receive. This conversation list continues to grow as new replies arrive, so you can always see your messages in context. Conversations are also referred to as message threads. A new message or a change to the subject of a current message will begin a new thread.

## To view emails

Do one of the following:

- Press HOME, then touch and hold the status bar, and then slide down your finger on the screen to open the Notifications panel. Touch the new email to view it.
- While in the Inbox, touch the unread email or the conversation with the unread email to view it.

- Message subject
- Message label
- Online status.
- Appears when the contact is a Google Talk friend and you are signed in to Google Talk.
- To scroll through the message:
- Slide your finger up/down on the screen.
  - Roll the TRACKBALL up/down.



## To search for email messages

You can search for a specific email message by sender, word in a subject, or label.

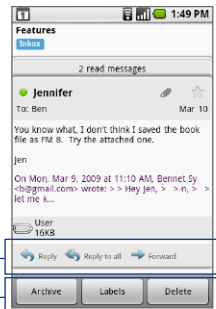
1. In the Inbox, press MENU and then touch **Search**.
2. Enter the search keyword in the box, and then touch **Search**.

## Reply to or forward emails

1. In the message thread, scroll down to the end of the conversation.
2. Touch **Reply**, **Reply to all**, or **Forward**.
3. Do one of the following:
  - If you selected **Reply** or **Reply all**, enter your reply message.
  - If you selected **Forward**, specify the message recipients.
4. Scroll down to the end of the message, and then touch **Send**.

Message  
options

Thread  
options



## Manage conversations and emails

### Conversations

In the Inbox, touch and hold the conversation, and then touch:

- **Read** to open the email.
- **Archive** to archive the conversation.

**Tip** To display your archived messages, in the Inbox, press **MENU** and then touch **View labels > All Mail**.

- **Mute** to mute the entire conversation.

**Tip** If you're part of a long message conversation that isn't relevant, you can **mute** the conversation to keep all future additions out of your Inbox.

- **Mark read** or **Mark unread** as desired. Unread messages are displayed in bold in the Inbox.
- **Delete** to delete the conversation.

- **Add star** or **Remove star** to assign a star or remove the star on the conversation .
- **Change labels** to add or change the label of the conversation.  
**Note** You cannot use the phone to create labels; do that on the Gmail web site.
- **Report spam** to report the conversation as spam.

### Email messages

In the message thread, navigate to the email header or message using the TRACKBALL, press MENU and then touch:

- **Archive** to archive the email message.  
**Tip** To display your archived messages, in the Inbox, press MENU, and then touch **View labels > All Mails**.
- **Add star** or **Remove star** to assign a star or remove the star on the conversation .
- **Mark read** or **Mark unread** as desired. Unread messages or threads with unread messages display in bold in the Inbox.
- **Change labels** to add or change the label of the conversation.  
**Note** You cannot use the phone to create labels; do that on the Gmail web site.
- **Delete** to delete the email message.
- **More: Back to Inbox** to return to your Inbox or **Mute** to mute the entire conversation.
- **Report spam** to report the email message as spam.







### Set Gmail settings






1. In the Inbox, press MENU and then touch **Settings**.
2. Set the following options:
  - **Signature** Touch to enter a signature that is appended at the end of your emails.

- **Confirm delete** Select the check box to show a confirmation box when you delete a conversation.
- **Batch operations** Select the check box to show the batch operations feature. The Batch operations feature lets you archive, delete, or apply a label to multiple emails at once.
- **Labels** Touch to select which Gmail labels to synchronize.
- **Email notifications** Select the check box to show a notification icon on the status bar when you receive a new email.
- Touch **Select ringtone** if you want your phone to ring when a new email message arrives. On the ring tone menu, select a ring tone specific to new email messages. The ring tone plays briefly when selected. If you don't want a ring tone to play when you receive a new email message, touch **Silent**. Then touch **OK** to confirm your ringtone selection.
- Select **Vibrate** if you want your phone to vibrate when you receive a new email message.





## Keyboard shortcuts in Gmail

### Conversations list

To	Do this
Refresh the conversations list	Press  + u
Compose a new message	Press  + c
Open conversation to read	Press 
Archive conversation	Press  + y
Jump to the top of list	Press  , then roll the TRACKBALL up
Jump to the end of list	Press  , then roll the TRACKBALL down

Page down	Press  
Page up	Press  +  

### While in an email message

To	Do this
Reply to the last message in the conversation	Press  + r
Reply to all (the sender and CC/BCC recipients) to the last message in the conversation	Press  + a
Forward the last message in the conversation	Press  + f
Archive the conversation	Press  + y

## 5.3 Using Mail

The **Mail** application comes with an email wizard that lets you add external POP3 or IMAP email accounts from popular web-based email service providers such as Yahoo!® Mail Plus, AOL, and a Microsoft Exchange ActiveSync account on your phone.

### To open Mail

Press HOME, then touch the Applications tab, and then touch **Mail**.

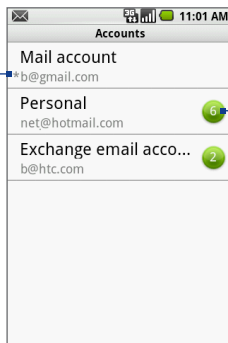
### Add a POP3/IMAP email account

1. Press HOME, then touch the Applications tab, and then touch **Mail**.
2. On the **Choose a mail provider** screen, touch **Other (POP3/IMAP)**.

**Note** If the account type you want to set up is not in the phone database, you will be asked to enter more details. It is recommended that you get all pertinent information for the email account such as incoming/outgoing server settings before you proceed.

3. Enter the **Email address** and **Password** for the email account, and then touch **Next**.
4. Enter the **Account name** and **Your name** and then touch **Done**.

Asterisk denotes  
default email  
account.



Number of  
unread emails.

### To create another email account

Do one of the following:

- If you are in the Accounts screen, press MENU, and then touch **New account**
- If you are in the Inbox of an email account, press MENU and then touch **More > New account**.

**Tip** If you are in the Inbox of one of your email accounts and you want to go back to the Accounts list screen, press MENU and then touch **More > Accounts list**.



## Add a Microsoft Exchange ActiveSync account

You can only add one Microsoft Exchange ActiveSync account on your phone. The account must be able to sync with a Microsoft Exchange Server 2003 Service Pack 2 (SP2) or Microsoft Exchange Server 2007.

1. Press HOME, touch the Applications tab, and then touch **Mail**.
2. On the Choose a mail provider screen, touch **Exchange ActiveSync**.
3. Enter the Exchange ActiveSync account details and then touch **Next**.

**Note** Your corporate Exchange Server must support auto-detect for the phone to automatically set up the Exchange ActiveSync account. If your corporate Exchange Server does not support auto-detect, you will need to enter your Exchange Server settings after you touch **Next**. Ask your Exchange Server administrator for details.

4. Select the type of information you want to synchronize and then touch **Done**.

You can change the types of Exchange ActiveSync information you want to synchronize after setting up the account. To change, press HOME > MENU, and then touch **Settings > Data synchronization > Exchange ActiveSync**.

### To change synchronization settings

You can change synchronization settings after setting up the Exchange ActiveSync Server account.

1. Press HOME > MENU, and then touch **Settings > Data synchronization > Exchange ActiveSync**.
2. Press MENU and then touch **Settings**.
3. Change the general settings and mail and calendar settings according to your preference.
4. Press BACK after you are done.

## Compose and send emails

1. Press HOME, touch the Applications tab, and then touch **Mail**.
2. On the email account Inbox, press MENU and then touch **Compose**.

**Note** If the current email account is not the account you want to use, press MENU and then touch **More > Accounts list** to choose a different email account.

3. Enter the message recipient's email address in the **To** field. As you enter information, matching contacts will appear on the screen. Touch the recipient or continue entering the email address. If you are sending the email to several recipients, separate the email addresses with a comma. You can add as many message recipients as you want.

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

**Tip** If you have set up an Exchange ActiveSync account, press MENU and then touch **Add recipient > To > Company** tab to let you add recipients from the Exchange ActiveSync account contacts.

4. Enter the subject, and then compose your message. Touch **Send**.

**Note** Touch **Save as draft** to save the message as a draft.

## Manage emails on your external email account

### To sort messages

1. On the email account Inbox, press MENU, and then touch **Sort**.
2. Select from the following sort options:
  - **Date (Most recent/Oldest)** Sorts email messages by the time you received it.
  - **Subject (A-Z/Z-A)** Alphabetically sort email messages by subject.
  - **Sender (A-Z/Z-A)** Alphabetically sort email messages by sender.
  - **Size (Largest/Smallest)** Sort emails by file size.
3. Touch **OK**.

### To delete a message

1. On the email account Inbox, touch and hold the email you want to delete.
2. On the options menu, touch **Delete**. When prompted to confirm deletion, touch **OK**.

### Edit or delete an email account

You can edit or delete an external email account on your phone.

1. Press HOME, touch the Applications tab, and then select **Mail**. The Accounts list screen appears.  
**Note** If the Account list screen does not open, in the Inbox of the email account, press MENU and then touch **More > Accounts list**.
2. Do one of the following:
  - To delete, touch and hold the account you want to remove, and then touch **Delete account** on the options menu. When prompted to confirm deletion, touch **OK**.
  - To edit, touch and hold the account you want to edit, and then touch **Settings** on the options menu. See the next section for details.

### Adjust email account settings

1. Press HOME, touch the Applications tab, and then touch **Mail**. The Accounts list screen appears.  
**Note** If the Account list screen does not open, in the Inbox of the email account, press MENU and then touch **More > Accounts list**.
2. Touch and hold an email account on the screen, and then touch **Settings**.

**3.** Touch one of the following to edit or adjust:

<b>Account info</b>	Change the email account settings such as the name, email address, password, and description.
<b>General settings</b>	Set the font size when reading emails and enable/disable the signature. Touch <b>Signature</b> to change the signature text.
<b>Send &amp; receive</b>	Set the maximum email file size limit when receiving and frequency to check for new emails and how many to check for. You can also set to have emails that you send bcc'd to yourself.
<b>Notification settings</b>	Set email notification settings.

**4.** Press BACK to save your changes.

## 5.4 Using Google Talk

**Google Talk** is Google's instant messaging program. It lets you communicate with other people that also use Google Talk.

**Note** The Google Talk account that is set up is based on the Gmail account that you used when you set up the phone.

### Sign in and chat online

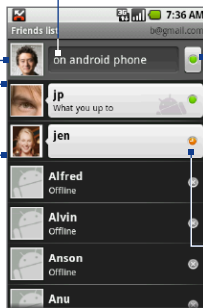
#### To open Google Talk

Press HOME, touch the Applications tab, and then touch **Google Talk**.

Touch to change your status message.

Touch to change your picture





Friends list



Touch to change your online status.

Opened chats. Touch a callout to open the chat screen and start chatting with your friend.

Online status:

-  Available
-  Idle
-  Busy
-  Offline

### To add a new friend

You can only add people who have a Google account.

1. In the Friends list, press MENU and then touch **Add friend**.
2. Enter the Google Talk instant messaging ID or Google email address of the friend you want to add.

**Note** When you add a friend with an instant messaging ID and has been saved in your contacts list, matching contacts will display on the screen as you enter information. You can touch the contact or continue entering the IM information.



3. Touch **Send invitation**.

### To view and accept an invitation

1. In the Friends list, press MENU and then touch **Invites**. All chat invitations you have sent or received are listed on the pending invitations screen.
2. Touch a pending invitation, and then touch **Accept** or **Decline**.

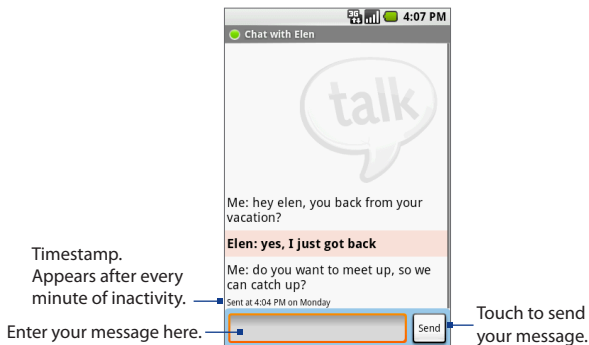
**Note** When someone you invite to chat accepts your invitation, the pending invitation disappears from the list.

### To change your online status and message

1. Touch the online status icon (  ) beside your name, and then select the status you want on the menu.
2. Touch the text box on the right of your online status icon and then enter your status message using the keyboard.
3. Press .

### To start a chat

1. Do one of the following:
  - Touch a friend in the Friends list.
  - Navigate to a friend using the TRACKBALL, and then press the TRACKBALL.



2. Chat with your friend by entering text using the keyboard.

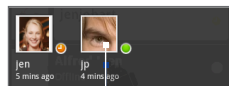
**Note** To insert a smiley, press **MENU** and then touch **Insert smiley**. Touch a smiley to insert it into your message.

3. After entering your message, touch **Send**.

### To switch between active chats

You can switch between chats if you have more than one chat going.

1. While on a chat screen or in the friends list, press MENU and then touch **Switch chats**.
2. On the panel that opens, touch the friend you want to chat with.



Touch to switch chat with this friend.

### To close a chat

Do one of the following:

- In your Friends list, touch and hold a friend with an active chat and then touch **End chat** on the menu.
- While on a chat screen, press MENU and then touch **End chat**.

## Manage your friends

Friends in your friends list is sorted by their online status — active chats, online, busy, and offline. Within the status groupings, friends are listed alphabetically.

By default, only the friends that you frequently communicate with — the most popular — are in the Friends list. If you want to display all your friends, press MENU and then touch **All friends**.

**Tip** To switch back to displaying only your most popular friends, press MENU and then touch **Most popular**.

### To find a friend

In the Friends list, start entering the name of your friend to filter your list to show only friends with names that match what you have entered.

### To block a friend

You can block a friend from sending you messages. When blocked, your friend is also removed from your Friends list.

1. In the Friends list, locate the friend you want to block.

**Note** If you cannot see the friend, Press MENU and then touch **All friends**.

2. Touch and hold the friend's name, and then touch **Block friend**.

Your friend is removed from your friends list and is added to the blocked friends list.

**Note** To unblock a friend, in the Friends list, press MENU and then touch **Blocked**. In the Blocked friends list, touch the name of the friend you want to unblock, and then touch **OK** when prompted.

### To pin a friend

You can pin a friend to make sure that friend always appears in your **Most popular** friends list.

1. In the Friends list, Touch and hold the friend's name to open the options menu.

**Note** If you cannot see the friend, Press MENU and then touch **All friends**.

2. Touch **Pin friend**.

**Note** To unpin a friend, in the Friends list, touch and hold the friend you want to unpin and then touch **Unpin friend** on the options menu.

### To show a friend in the Most popular list

1. In the Friends list, touch and hold the friend's name to open the options menu.

**Note** If you cannot see the friend, Press MENU and then touch **All friends**.

2. Touch **Show friend**.

**Note** To keep a friend from appearing in the most popular list, touch and hold the friend's name, and then touch **Hide friend** on the menu. If you pinned the friend, the pin will be removed when you hide the friend.



## Mobile indicators

You can check what type of device your friend is using to chat in Google Talk. In the friends list, check the image that appears to the right of your friend's name.



Indicates that the friend is using an Android phone.

When you do not see an image, it indicates that your friend signed in last from a computer.


You can also choose to show a mobile indicator.

1. In the Friends list, press MENU and then touch **More > Settings**.
2. Select the **Mobile indicator** option, and then press BACK.  
The mobile indicator icon will display along with your name in other people's Friends list and will let your friends know what type of mobile device you are using.

## Adjust instant messaging settings

### To set notifications for new instant messages

You can set the phone to play a sound, vibrate, or display a notification icon in the status bar each time you receive a new instant message.

1. In the Friends list, press MENU and then touch **More > Settings**.
2. Do one or all of the following:
  - Select the **IM notifications** check box to receive a notification (  ) in the status bar when a new instant message arrives.
  - Touch **Select ringtone** to select the ring tone to use when a new instant message arrives. The ring tone briefly plays when selected. If you don't want a ring tone to play when you receive a new instant message, select **Silent**.

- Select the **Vibrate** check box to vibrate your phone when you receive a new instant message.

### To sign in automatically

You can sign in to your Google Talk account automatically every time you turn on your phone.

1. In the Friends list, press MENU and touch **More > Settings**.
2. Select the **Automatically sign in** check box.
3. Press BACK to save your setting.

### Sign out

In the friends list, press MENU and then touch **More > Sign out** when you want to sign out from Google Talk.

# Chapter 6

## Getting Connected

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### 6.1 Connecting to the Internet

Your phone's networking capabilities allow you to access the Internet through **GPRS/3G** (or EDGE, when available) or **Wi-Fi**.

#### GPRS/3G/EDGE

Your phone will be automatically configured to use your wireless service provider's GPRS/3G/EDGE service when you turn on your phone (if the SIM card is inserted) for the first time.

#### To check the network connection you are using

1. Press **HOME** > **MENU** and then touch **Settings**.
2. Touch **Wireless Controls** > **Mobile networks** > **Network operators** or **Access Point Names**.

#### To create a new access point

When you need to add another GPRS/3G/EDGE connection on your phone, obtain the access point name and settings (including username and password if required) from your wireless service provider.

1. Press **HOME** > **MENU** and then touch **Settings**.
2. Touch **Wireless Controls** > **Mobile networks** > **Access Point Names**.

3. On the APNs screen, press MENU and then touch **New APN**.
4. In the Edit access point screen, enter the APN settings. Touch the APN setting item to edit it.

Press MENU and then touch **Save** when you finish setting up the new APN.

## Wi-Fi

Wi-Fi provides wireless Internet access over distances of up to 300 feet (100 meters). To use Wi-Fi on your phone, you need access to a wireless access point or “hotspot”.

**Note** The availability and range of the Wi-Fi signal depends on the number, infrastructure, and other objects through which the signal passes.

### To turn Wi-Fi on and connect to a wireless network

1. Press HOME > MENU, and then touch **Settings > Wireless controls**.
2. Select the **Wi-Fi** check box to turn Wi-Fi on. The phone will scan for available wireless networks.
3. Touch **Wi-Fi settings**. The network names and security settings (Open network or Secured with WEP) of detected Wi-Fi networks are displayed in the Wi-Fi networks section.
4. Touch a Wi-Fi network to connect. When you selected an open network, you will be automatically connected to the network. If you selected a network that is secured with WEP, enter the WEP (security) key and then touch **Connect**.

- Notes**
- The next time your phone connects to a previously accessed secured wireless network, you will not be prompted to enter the WEP key again, unless you reset your phone to its factory default settings.
  - Wi-Fi networks are self-discoverable, which means no additional steps are required for your phone to connect to a Wi-Fi network. It may be necessary to provide a username and password for certain closed wireless networks.

## To check the wireless network status

You can check the current wireless connection status from the following:

- **Status bar**

When your phone is connected to a wireless network, the Wi-Fi icon (📶) appears in the status bar and tells you the approximate signal strength (number of bands that light up). If **Network notification** in Wi-Fi settings is enabled, this icon 📶 appears in the status bar whenever the phone detects an available wireless network within range.

- **Wi-Fi networks**

On the Wireless controls screen, touch **Wi-Fi settings**, then touch the wireless network that the phone is currently connected to.

The Wi-Fi network name, status, speed, signal strength, security information, and IP address are displayed.

**Note** If you want to remove the wireless network settings on your phone, touch **Forget** on this window. You need to enter the settings again if you want to connect to this wireless network.



## To connect to another Wi-Fi network

1. On the Wireless controls screen, touch **Wi-Fi settings**. Detected Wi-Fi networks are displayed in the Wi-Fi networks section.

**Tip** To manually scan for available Wi-Fi networks, on the Wi-Fi settings screen, press **MENU** and then touch **Scan**.

2. Touch another Wi-Fi network to connect to it.

**Note** If the wireless network you want to connect to is not in the list of detected networks, scroll down the screen, then touch **Add a Wi-Fi network**. Enter the wireless network settings, then touch **Save**.

## 6.2 Using Browser

Open **Browser** to start surfing the web. Browser is fully optimized and comes with advanced functionalities that let you enjoy Internet browsing on your device.

**Note** You must have an active data (3G, GPRS), or Wi-Fi connection to access the Internet.

### To open Browser

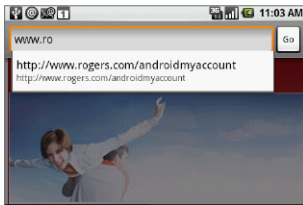
Do one of the following:

- Press HOME, then touch **Browser**.
- Press HOME, then touch the Applications tab, and then touch **Browser**.

**Note** Browser automatically opens when you touch a web link in an email or text message.

### To go to a web page

1. On the Browser screen, press MENU and then touch **Go to URL**.
2. Enter the web page address using the keyboard. As you enter the address, matching web page addresses will appear on the screen. Touch an address to go directly to that web page or continue entering the web page address.
3. Touch **Go**.



### To set your home page

1. Press MENU and then touch **More > Settings > Set home page**.
2. Enter the URL of the web site you want to use as your home page and then touch **OK**.

### View web pages

Browser offers a host of features that let you view web pages just like on a desktop computer.

### To change the screen orientation

The phone automatically changes the screen orientation depending on how you are holding your phone.

**Note** The **Orientation** check box in **Home> MENU > Settings > Sound & display** needs to be selected for the screen orientation to automatically change.

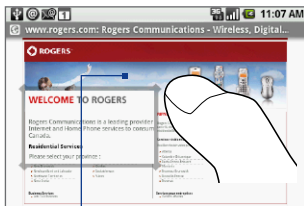
3. Release your finger or press the TRACKBALL to magnify the view. The view is magnified using the zoom ratio used when you activated scale and scroll.

### To navigate on a web page

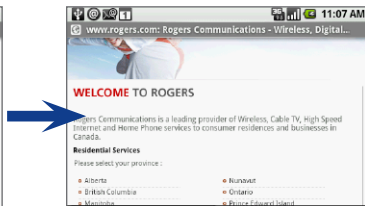
You can roll the TRACKBALL or slide your finger on the screen in any direction to navigate and view other areas of the web page.

You can also use **scale and scroll** to magnify an area of the web page for easy viewing. To use scale and scroll:

1. On a web page, press the TRACKBALL twice. The web page zooms out to fit the height of the screen and the magnifying window appears.
2. Touch and hold the magnifying window, then drag it to the area of the page that you want to view more closely. You can also roll the TRACKBALL to move the magnifying window on any area of the screen.



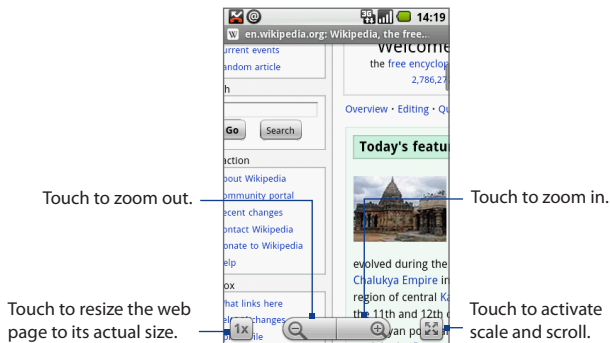
Magnifying window



3. Release your finger or press the TRACKBALL to magnify the view. The view is magnified using the zoom ratio used when you activated scale and scroll.

### To zoom in or out on a web page

Slide your finger to one direction on the screen to activate the zoom controls.



### To open a new browser window

Open multiple browser windows to make it easier for you to switch from one web site to another. You can open up to 8 browser windows.

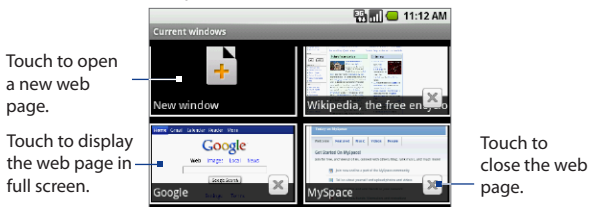
To open a new window, press MENU and then touch **New window** while browsing a web page. A new browser window opens and goes to the home page that is set.

**Note** If you have two or more browser windows opened, press MENU and then touch **Windows** to let you add more browser windows.



## To switch between browser windows

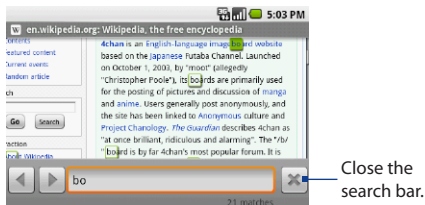
1. On a browser window, press MENU and then touch **Windows**.



2. On the Current windows screen, touch the browser window you want to view.

## To find text within a web page

1. While viewing a web page, press MENU and then touch **More > Find on page**.
2. Enter the search item. As you enter characters, matching characters will be highlighted in green. Touch the left or right arrow to go to the previous or next matching item.



## Manage links, history, and downloads

### To select links in web pages

Navigate to links on a web page using the TRACKBALL. Links are enclosed in an orange or green box when selected.



Link is not selected

Link is selected

Link	What to do
Web page address (URLs)	<ul style="list-style-type: none"> <li>• Touch the link to open the web page.</li> <li>• Touch and hold the link to open a menu that allows you to open, bookmark, copy to the clipboard, or share the link via email.</li> </ul>
Email address	<ul style="list-style-type: none"> <li>• Touch to send an email message to the email address.</li> <li>• Touch and hold, then touch <b>Copy</b> on the menu to copy the email address to the clipboard. You can paste the email address later when creating a new contact or sending a new email message.</li> </ul>

Browser also recognizes some phone numbers and addresses that allow you to call the phone number or locate the address in Google Maps™. Recognized phone numbers and addresses are highlighted in green when navigated to.

Link	What to do
Location address	Touch the address to open Google Maps and locate the address.
Phone number	Touch to open the Phone screen to call the phone number.

**Tip** When links are too small for touching directly on the screen, highlight it with the TRACKBALL, then either press the TRACKBALL to open the link, or press and hold the TRACKBALL to select an option from the menu.

### To allow download of web applications

Before you can download web applications, you must first enable downloading from the phone settings.

1. Press HOME > MENU, and then touch **Settings > Applications**.
2. Select the **Unknown sources** check box.
3. When the Attention dialog box opens, touch **OK**.

**Note** All downloaded applications are saved to the storage card. Before you download an application from the web, make sure that you have installed a storage card on your phone. For information on how to install a storage card, refer to Chapter 1.

**Warning!** Applications downloaded from the web can be from unknown sources. To protect your phone and personal data, download applications only from trusted sources such as Android Market. Refer to “Installing Applications from Android Market” in Chapter 9 for details.

### To view your downloads

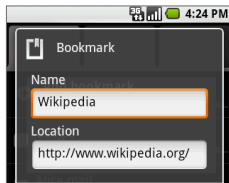
On a browser screen, press MENU and then touch **More > Downloads**.

## Manage bookmarks

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

### To bookmark a web page

1. On a browser screen, go to the web page you want to book mark.
2. Press MENU and then touch **Bookmarks**.  
The bookmarks screen opens.
3. On the Bookmarks tab, touch **Add bookmark** at the top of the screen.
4. Edit the bookmark **Name** if needed, and then touch **OK**.

















### To open a bookmark

1. On the Browser screen, press MENU and then touch **Bookmarks**.
2. On the **Bookmarks** tab, do one of the following:
  - Touch the bookmark you want to open.
  - Touch and hold the bookmark you want to open, then touch **Open** or **Open in new window** on the options menu.

### To edit a bookmark

1. On the Browser screen, press MENU and then touch **Bookmarks**.
2. On the **Bookmarks** tab, touch and hold the bookmark you want to edit.
3. Touch **Edit bookmark** on the options menu. The edit bookmark dialog box appears.
4. Enter your changes and touch **OK**.

## Keyboard shortcuts in Browser

To	Do this
Go to a new web page	Press  + l
Open bookmarked pages	Press  + b
Open web page windows	Press  + t
View the browsing history	Press  + h
Refresh or stop the page	Press  + r
Return to the previous page	Press  + j
Move forward to the next page	Press  + k
Go to the home page	Press  +  <small>SYM</small>
Zoom in on the page	Press  + i
Zoom out on the page	Press  + o
Scroll down the page	Press  <small>SYM</small>
Scroll up the page	Press  +  <small>SYM</small>

## 6.3 Using Bluetooth


Bluetooth is a short-range wireless communications technology that allows Bluetooth devices to exchange information over a distance of about eight meters without requiring a physical connection. The phone supports the following Bluetooth profiles: Headset, Handsfree, A2DP, and AVRCP.

Bluetooth on your phone operates in three different modes:

- **On.** Bluetooth is turned on. Your phone can detect other Bluetooth-enabled devices, but not vice versa.
- **Discoverable.** Bluetooth is turned on, and all other Bluetooth-enabled devices can detect your phone.
- **Off.** Bluetooth is turned off. In this mode, you can neither send nor receive information using Bluetooth.

- Notes**
- By default, Bluetooth is turned off. If you turn it on, and then turn off your phone, Bluetooth also turns off. When you turn on your phone again, Bluetooth automatically turns on.
  - Turn off Bluetooth when not in use to conserve battery power, or in places where using a wireless device is prohibited, such as on board an aircraft and in hospitals.

### To turn on Bluetooth and make the phone discoverable

1. Press HOME > MENU, and then touch **Settings**.
2. Touch **Wireless controls**, then select the **Bluetooth** check box to turn on Bluetooth. When on, the Bluetooth () icon appears in the status bar.
3. Touch **Bluetooth settings**, then select the **Discoverable** check box to make the phone discoverable to other Bluetooth devices that are within range.

**Important** Your phone will be discoverable for up to two minutes.

### To change the phone name

The phone name identifies your phone in a Bluetooth network.

1. Make sure that you have turned Bluetooth on.
2. On the **Wireless controls** screen, touch **Bluetooth settings > Device name**.
3. Enter the name for your phone in the dialog box, and then touch **OK**.

### To pair and connect a Bluetooth hands-free headset or car kit

You can connect your phone to a Bluetooth stereo headset, a Bluetooth hands-free headset, or a Bluetooth car kit phone, and use those devices to listen to music and send and/or receive calls. Before you can use these devices, you must pair it first with your phone.


1. Press **HOME > MENU**, and then touch **Settings**.
2. Touch **Wireless controls > Bluetooth settings** and then select the **Bluetooth** check box. Your phone will start to scan for Bluetooth devices within range and will display all detected devices below the Bluetooth devices section.

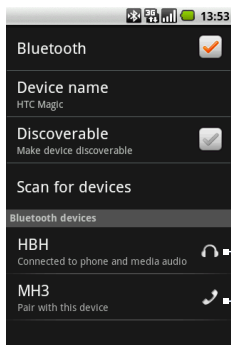
**Tips**


- If you do not find the device in the list, touch **Scan for devices** to scan again.
- Make sure that the Bluetooth device that you want to pair with is set to discoverable mode. Consult the Bluetooth device's documentation to learn how to set it to discoverable mode.


3. Touch the Bluetooth device in the list to start pairing.

**Note** For some Bluetooth devices, you need to enter a passcode to pair with the Bluetooth device. You can try "0000" as the passcode. If that does not work, consult the Bluetooth device's documentation.

4. The pairing and connection status will appear below the device's name in the list. When the other Bluetooth device is connected to your phone, the Bluetooth connected icon  will appear in the status bar. You can now start using the stereo headset to listen to music or the hands-free headset or car kit phone to make and/or receive phone calls.



 Indicates that the device is a stereo Bluetooth headset that you can use to listen to music.

 Indicates that the device is a mono Bluetooth headset that you can use to send and/or receive phone calls.

- Notes**
- Pairing between two Bluetooth devices is a one-time process. Once pairing is created, the devices can recognize the partnership and exchange information without entering a passcode again.
  - If you pair with a second headset while connected to the first, the first headset will be disconnected. To switch connection back to the first headset, you must manually select that headset again in the Bluetooth devices list.

### To disconnect a Bluetooth stereo headset, hands-free headset, or car kit phone

1. Press HOME > MENU, and then touch **Settings**.
2. Touch **Wireless controls > Bluetooth settings**.
3. Navigate to the Bluetooth devices section, and then touch and hold the connected Bluetooth device.
4. Touch **Disconnect**.

Touch **Unpair** if you want the phone to erase all pairing information with the Bluetooth device. You will be prompted to enter the passcode again when you connect to that Bluetooth device.



# Chapter 7

## Getting Around with Maps

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### 7.1 Using Maps

**Maps** lets you track your current location, view real-time traffic situations, and receive detailed directions to your destination. It also provides a search tool where you can locate places of interest or an address on a vector or aerial map, or view locations in street level.

- Notes**
- You need an active data (3G/GPRS) or Wi-Fi connection to use Maps.
  - The Maps application does not cover every country or city.

#### To enable Location source

Before you open Maps and find your location or search for places of interest, you must enable **My location sources**.

1. Press HOME > MENU and then touch **Settings > Location**.
2. Select **Use wireless networks, Enable GPS satellites**, or both.

**Note** Selecting GPS satellites lets you locate places of interest in street-level. However, this requires a clear view of the sky and more battery power.

**To open Maps**

Do one of the following:

- Press HOME, then touch **Maps**.
- Press HOME, touch the Applications tab and then touch **Maps**.

**To find your location on the map**

On the Maps screen, press MENU and then touch **My Location**. Your location is shown on the map as a blinking blue dot.

Your current location

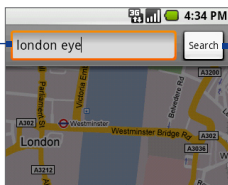


## 7.2 Searching for Places of Interest

**To search for a place of interest**

1. On the Maps screen, press MENU and then touch **Search**.
2. Enter the place you want to search in the search box. You can enter an address, a city, or type of business or establishment (for example, museums in london).

Enter the place you want to search here.

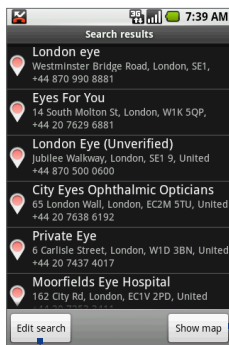


Touch to search the place you entered.

**Tip**

As you enter information, a list of all the places which you have searched or visited before appears on the screen. You can also touch an address on the menu to show its location on the map.

3. Touch **Search**.
4. Touch a place in the list to show its location on the map.



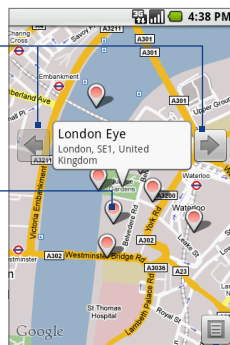
Touch to edit the search or search for a new place.

Touch to view the location of the previous or the next place in the Search results screen.



Location of one of the places in the Search results list.

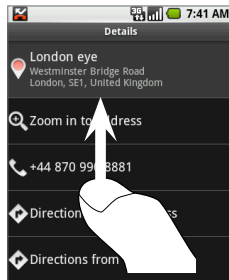
Touch the place or touch **Show map** to show the location of the place on the map.



Touch to return to the Search results screen.

**Tip** On the map, roll the **TRACKBALL** left or right to view the location of the previous or the next place in the Search results list.

5. Touch the callout on the map to open the location details and options.



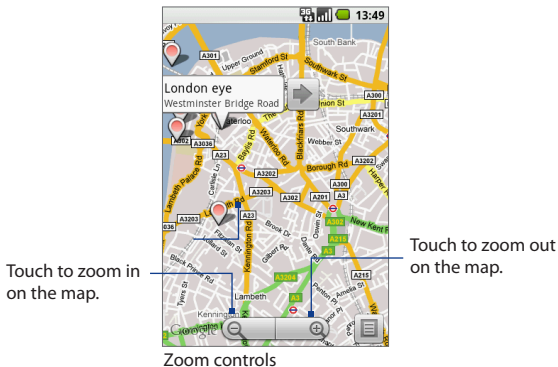
Scroll your finger up the screen or roll the **TRACKBALL** down to view more location options.

## 7.3 Viewing Maps

While viewing a map, take advantage of the following zoom and navigation techniques.

### To zoom in or out on a map

Touch the screen to show the zoom controls.



### To navigate on a map

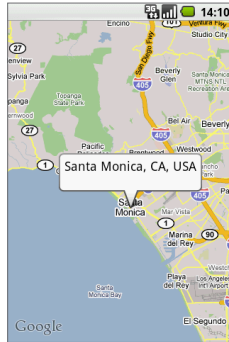
Roll the TRACKBALL or slide your finger on the screen in any direction to view other areas of the map.

### To change a map mode

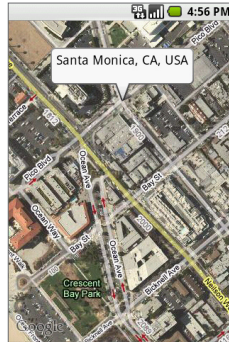
When viewing a map, you can switch to another map mode. Press MENU and then touch **Map mode**. Select from **Map**, **Satellite**, **Traffic**, or **Street View**.

- **Map mode** This is the default view and displays a map, complete with names of streets, rivers, lakes, mountains, parks, and boundaries.

- **Satellite mode** Maps uses the same satellite data as Google Earth. Satellite images are not real-time. Google Earth acquires the best imagery available, most of which is approximately one to three years old.

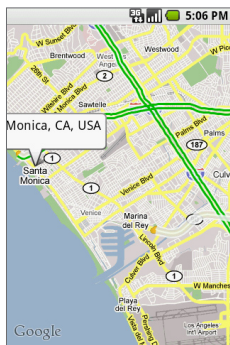


Map mode

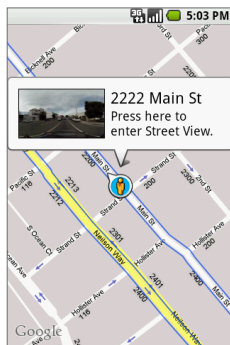


Satellite mode

- **Traffic mode** (available only in selected areas) Real-time traffic conditions are displayed over roads as color-coded lines. Each color represents how fast the traffic is moving.
  - **Street View mode** (available only in selected areas) Provides a street-level view of the location. Blue outlined roads indicate that street view is available on those locations.
- While viewing a Street View of a location, press MENU and then touch **Compass mode** to turn Compass mode on. Tilt, pan, or turn your phone to view the area around the selected location.



Traffic mode



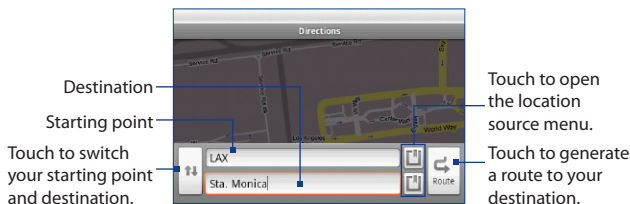
Street View mode


## 7.4 Getting Directions

Use Maps to get detailed directions to your destination.

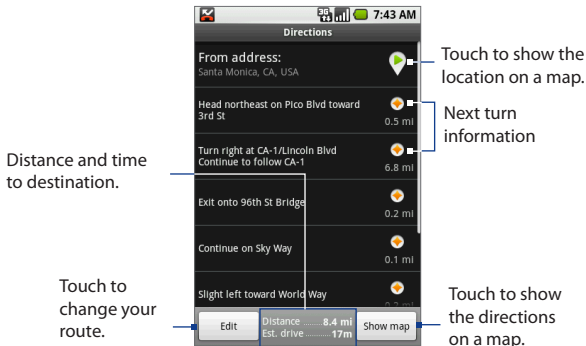
### To get directions

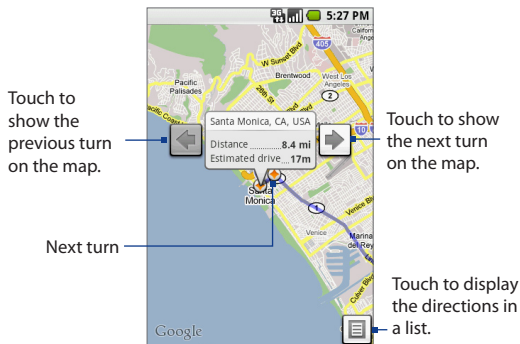
1. While viewing a map in any mode (except in Street View), press MENU and then touch **Directions**.
2. Enter the starting point in the first text box, then enter your destination in the second text box.



You can also touch  to open the location source menu and select a starting point and destination address.

3. Touch **Route**. The directions to your destination appears in a list.







When you are finished viewing or following the directions, press MENU and then touch **Clear map** to reset the map. Your destination is automatically saved in the Maps history.

## Keyboard shortcuts in Maps




### Map screen

To	Do this
Get directions	Press  + d
Select a map mode	Press  + m
Show the Maps history	Press  + h
View My Location	Press  + 0 (zero)
Go to the Maps settings	Press  + p
Zoom in on the map	Press  + i








<b>Zoom out on the map</b>	Press  + o
<b>Jump to top/bottom of list</b>	Press  , and then roll the TRACKBALL up or down

## Search results screen

To	Do this
<b>Clear the search results</b>	Press  + q
<b>View the previous result</b>	Press  + j
<b>View the next result</b>	Press  + k

## Directions screen

To	Do this
<b>View the previous direction point</b>	Press  + j
<b>View the next direction point</b>	Press  + k
<b>Cancel directions</b>	Press  + q
<b>Generate the route</b>	Press  + r
<b>Edit the route</b>	Press  + e

## 7.5 Finding your friends with Google Latitude

Google Latitude™ user location service lets you and your friends share locations and status messages with each other. It also lets you send email and instant messages, make phone calls, and get directions to your friends' locations.

Your location is not shared automatically. You must join Latitude, and then invite your friends to view your location or accept their invitations.

### Open Latitude

#### To join Latitude

1. While viewing a map in any mode (except in Street View), press MENU and then touch **Join Latitude**.
2. Read the privacy policy. If you agree with it, touch **Agree & share**.

#### To open Latitude after joining


While viewing a map in any mode (except in Street View), press MENU and then touch **Latitude**.

### Share your locations

After you join Latitude, you can start sharing your locations with your friends. Only friends that you have explicitly invited or accepted can see your location.

### Invite friends

#### To share your location with friends and request to see their locations

1. In Latitude, press MENU and then touch **Add friends**.
2. Choose how to add friends:
  - **Select from Contacts**. Select any number of friends from your Contacts. Friends who already use Latitude have a  icon next to their names.
  - **Add via email address**. Enter an email address.

3. Touch **Add friends**.

4. Touch **OK**.

If your friends already use Latitude, they receive an email request and a notification on Latitude. If they have not yet joined Latitude, they receive an email request that tells them to sign in to Latitude with their Google account.

## Accept an invitation

When you get a sharing request from a friend, you can:

- **Accept and share back.** You can see your friend's location, and your friend can see yours.
- **Accept, but hide my location.** You can see your friend's location, but they can't see yours.
- **Don't accept.** No location information is shared between you and your friend.

You can change how your location is shared with each friend at any time. Refer to "To share your location with friends and request to see their locations" earlier in this chapter for more details.

## Show your friends

You can show your friends using the map view or the list view.

## Map view

When you open Google Maps, it shows your friends' locations.

Each friend is represented by a photo icon with an arrow pointing at his or her approximate location. If a friend has opted to enable city-level sharing, his or her icon will not have an arrow and it appears in the middle of the city. Refer to "To share your location with friends and request to see their locations" earlier in this chapter for more details.

To see your friend's profile and connect with him or her, touch the photo. This will display your friend's name, then touch the balloon right above his or her icon.

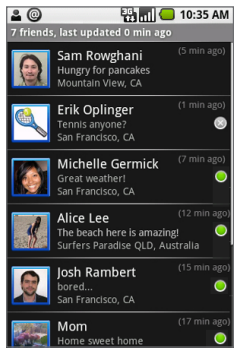
To see other friends, touch either one of the arrow buttons next to the balloon.



## List view

To show a list of your friends, in Maps, press MENU and then touch **Latitude**.

To see a friend's profile and connect with him or her, select your friend's name from the list.



## Connect with your friends

Touch a friend's contact details balloon in map view or touch a friend in list view to open the friend's profile. In the profile screen, you can communicate with your friend and set privacy options.

Options	Description
<b>Show on map</b>	Find a friend's location on the map.
<b>Chat using Google Talk</b>	Send an instant message. Google Talk opens a chat window with that friend.
<b>Send email</b>	Send an email. Gmail opens an email addressed to that friend.
<b>Directions</b>	Get directions to the friend's location.
<b>Hide from this friend</b>	Stop sharing your location with this friend. Your friend cannot see your photo icon on the map. To share your location with this friend again, touch <b>Unhide</b> from this friend.
<b>Share only city level location</b>	Share only the city you are in, not the street-level location. Your friend can see your photo icon in the middle of the city you are in. To share more precise location again, touch <b>Best available location</b> .
<b>Remove</b>	Remove the friend from your list and stop sharing locations with him or her altogether.

## Control what you share

You have control over how and when you can be found by your friends. Only the last location sent to Latitude is stored with your Google account. If you turn off Latitude or are hiding, no location is stored.

**To change your public profile**

1. In Maps, press MENU, touch **Latitude**, and then touch your contact details balloon.
2. Set the following options to your preferences.

Options	Description
<b>Show on map</b>	See your location on a map.
<b>Change your status</b>	Change the status message, which is shared across other Google products and features, such as Google Talk and Gmail. After you touch <b>Change your status</b> , type your new status in the dialog box, and then touch <b>OK</b> .
<b>Change your photo</b>	Change the picture, which is also shared across other Google products and features. After you touch <b>Change your photo</b> , you can either take a picture of yourself with the phone or select a picture from Gallery. Refer to “Using the Camera and Camcorder” and “Using Gallery” in Chapter 8 for more details.
<b>Edit privacy setting</b>	Manage how your location is shared with all your friends. Select one of the following options: <ul style="list-style-type: none"><li>• <b>Detect your location.</b> Let Latitude automatically detect and update your location as you move around. The update frequency is determined by several factors, such as your phone’s battery charge level and how recently your location has changed. Note: You must have My location sources enabled. To learn how to enable My location sources, refer to “Using Maps” in this chapter.</li><li>• <b>Set your location. Manually select a location on the map.</b></li><li>• <b>Hide your location.</b> Hide your location from all your friends. They will not be able to see your location on their maps. You can also hide your location only to certain individuals.</li><li>• <b>Turn off Latitude.</b> Disable Latitude and stop sharing. Your friends cannot see your location. You can always join Latitude again.</li></ul>

# Chapter 8

## Camera, Multimedia, and Documents

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### 8.1 Using Camera and Camcorder

Use **Camera** or **Camcorder** to take and share pictures and videos. Your phone comes with a 3.2 megapixel camera with auto-focus feature that lets you capture sharp pictures and videos.

#### Before you proceed

- You must install a storage card before you use Camera or Camcorder. All pictures or videos that you capture on your phone are stored on the storage card. For more information on how to install a storage card on your phone, refer to Chapter 1.
- The camera lens at the back of the phone is covered by a protective film during shipment. Make sure that you peel this film off before using the camera.

#### To open the Camera

Press HOME, touch the Applications tab and then touch **Camera** if you want to capture photos or **Camcorder** if you want to shoot videos. You can also press the CAPTURE button to open the Camera.

The screen automatically switches to landscape orientation when you open Camera or Camcorder.

**Tip** You can easily switch to the other capture mode while you are in Camera or Camcorder. Refer to “Capture modes” in this chapter for details.



The camera controls disappear after a few seconds. To show the camera controls again, touch the screen.

### To close the Camera

On the Camera screen, press HOME or BACK.

## Capture modes

The phone offers three capture modes: **Photo**, **Video**, and **Contact picture**.

### To change the capture mode

1. On the Camera screen, press MENU and then touch  /  / .

**Note** The icon you see will depend on the current capture mode.

2. On the Capture mode options menu, select the capture mode you want to use and then touch **OK**.



## Capture pictures

1. Switch to the **Photo** or **Contact picture** capture mode.
2. Frame your subject on the screen.



3. Press the CAPTURE button or the TRACKBALL. The auto-focus feature is turned on and then automatically takes the shot after focus is set.

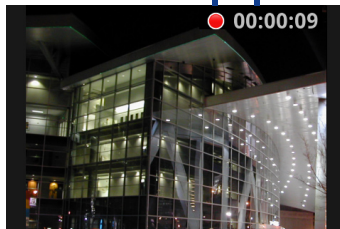


**Tip** To zoom in, touch the screen to open the camera controls and then scroll the TRACKBALL up or down (landscape orientation) to zoom in and out. You can also touch and slide the Zoom control up and down or touch  /  to zoom in and out.

## Record videos

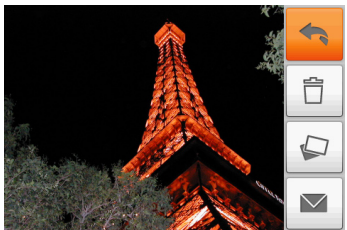
1. Switch to the **Video** capture mode.
2. Frame your subject on the screen.
3. Press the CAPTURE button or the TRACKBALL to start capturing video. Press it again to stop capturing.

Recording indicator      Capture duration



## Review screen

After capturing, the review screen lets you save, assign, send, or delete the picture or video by touching a button at the right-side of the screen.

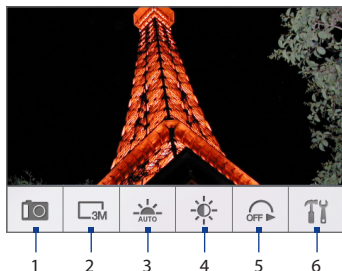




Review screen buttons

Icon	Function
	<b>Back</b> Return to the live Camera or Camcorder screen.
	<b>Delete</b> Delete the captured image or video.
	<b>View</b> View the captured image or video in Gallery.
	<b>Send</b> (Photo and Video modes only) Send the captured image or video via email or MMS or set the captured image as your Home screen wallpaper.
	<b>Assign to Contact</b> (Contact picture mode only) Assign the photo to a contact.

## Camera menu panel

The Camera menu panel lets you change the capture mode, adjust basic camera settings, and access advanced camera settings. To open the menu panel, while on the Camera screen, press MENU.




- 1 **Capture mode** Touch to select the capture mode to use.
- 2 **Resolution** Touch to change the resolution (capture size). When using Contact Picture mode, there is only one available resolution.
- 3 **White Balance** Touch to adjust the white balance. White balance enables the camera to capture colors more accurately by adjusting to different lighting conditions. White balance settings include: **Auto**, **Daylight**, **Cloudy**, **Incandescent**, and **Fluorescent**.
- 4 **Brightness** Touch to open the Brightness bar so you can adjust the brightness. On the Brightness bar, touch  to decrease, or  to increase the brightness level. Touch outside the Brightness bar to apply the change.
- 5 **Self-timer** (Photo and Contact photo modes only) Touch to set the self-timer to **Off**, **2 seconds**, or **10 seconds**. When you press the TRACKBALL to take the photo, it starts to count down, then takes the shot after the time expires.
- 6 **Advanced** Touch to open the advanced camera settings.

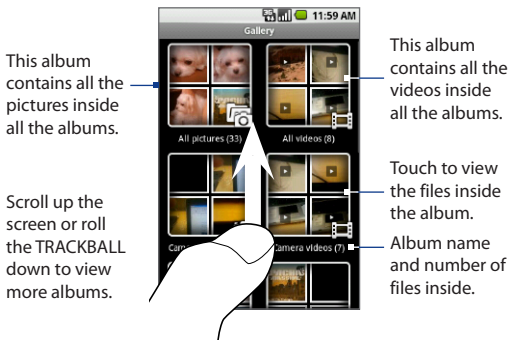
## 8.2 Using Gallery

**Gallery** lets you view photos and play back videos. For photos, you can also do basic editing tasks, set them as your wallpaper or contact picture, and share to your friends.

### To open Gallery

- Press HOME, touch the Applications tab and then touch **Gallery**.
- While on the Camera screen, touch the screen to open the onscreen controls and then touch .

If you stored your files in folders (directories) on the storage card, Gallery will display these folders as separate albums. The top left album contains all the pictures in the storage card.



**Note** Depending on the number of pictures stored on the storage card, it may take a while to load all your photos on the screen.

### To close Gallery

While in the Gallery screen, press HOME or BACK to close the application.

**Note** If you opened Gallery from the Camera application, the screen returns to the Camera screen when you press BACK.

## Work with pictures

Once you have taken a picture, you can view it or share it with friends.

### To view pictures

1. On the Gallery screen, touch an album to view the pictures inside the album.

**Note** If there are no picture albums, slide your finger upward or downward the screen, or roll the TRACKBALL up or down to browse through individual pictures.

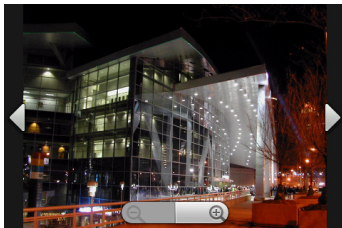
2. Touch a thumbnail to view it in full screen. You can also touch and hold the thumbnail, then touch **View** on the options menu to open it.

**Tip** You can choose to display small or large thumbnails or sort your album and display the latest pictures first or last. On the Gallery screen, press MENU and then touch **Settings**. Navigate to the General settings section, touch **Display size** or **Sort order**, then adjust the settings accordingly.

### To browse through pictures

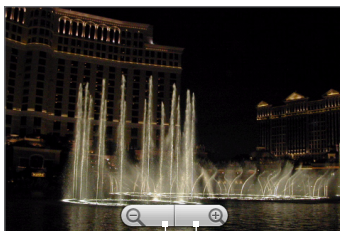
When viewing pictures in full screen, do one of the following:

- Touch the left area of the screen to view the previous picture, or touch the right area of the screen to view the next picture.
- Touch the screen to display the scroll arrows. Touch the left arrow to view the previous picture, or touch the right arrow to view the next picture.
- Roll the TRACKBALL left to view the previous picture, or roll it right to view the next picture in the album or in the pictures list.



### To zoom in or out on a picture

Touch the screen to activate the zoom control.



Touch to zoom out.

Touch to zoom in.

### To view a picture in landscape orientation

Turn your phone sideways to view the picture in landscape mode. The picture orientation automatically adjusts to how you hold the phone.

**Note** Press HOME > MENU, touch **Settings** > **Sound & display**, and then select the **Orientation** check box for the screen orientation to automatically change.

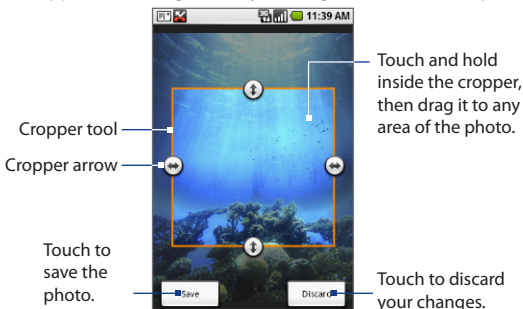
### To rotate and save the rotated state

1. In the Gallery screen, touch and hold the picture you want to rotate or if you are viewing the picture in full screen, press MENU.
2. In the options menu, touch **Rotate** and then select either **Rotate left** or **Rotate right**.

**Note** The Picture rotates 90 degrees counter-clockwise (Rotate left) or 90 degrees clockwise (Rotate right) each time you touch one of the Rotate options.

### To crop a picture

1. While viewing a picture in full screen, press **MENU** and then touch **Crop**. The cropper tool appears.
2. Do one of the following:
  - To adjust the cropper size, touch and hold the edge of the cropper tool. When the cropper arrows appear, drag your finger inward to or outward from the center of the cropper to resize it.
  - To keep the aspect ratio of the cropper while resizing, touch and hold one of the 4 corners.
  - To move the cropper to another area on the picture, touch and hold inside the cropper, then drag it with your finger to the desired position.



3. Touch **Save** to apply the changes to the picture.

**Note** The cropped picture is saved in the storage card as a copy. The original picture remains unedited.

### To send a picture using Mail


1. While viewing a picture in full screen, press MENU, and then touch **Share**.
2. When prompted, touch **HTC Mail** or **Gmail**.
3. The picture is automatically attached to your email. Compose your message, and then touch **Send**. For more information on how to create and send email messages, refer to Chapter 5.

### To send a picture using Messaging

1. While viewing a picture in full screen, press MENU, and then touch **Share**.
2. When prompted, touch **Messaging**.
3. The picture is automatically attached to your message. Compose your message, and then touch **Send**. For more information on how to create and send MMS messages, refer to Chapter 5.

### To upload a picture to Picasa

You need to be signed in to a Google account to be able to upload pictures to the Picasa™ photo organizing service.

1. While viewing a picture in full screen, press MENU, then touch **Share**.
2. When prompted, touch **Picasa**.
3. Enter a **Caption** for the picture and select the **Album** where you want to upload the picture.  
**Tip** Touch  to create a new album where you can upload the picture.
4. Touch **Upload**.

You can view the photos online at <http://picasaweb.google.com>.

**Tip** You can view the upload progress by opening the notifications panel and then touching **Picasa**. Refer to “To open the notifications panel” in Chapter 1.

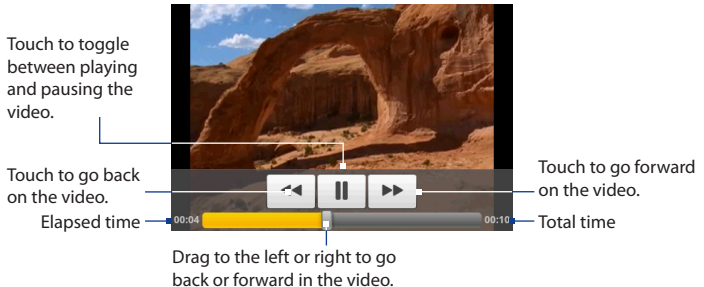


## Work with videos

Once you have taken a video, you can view it or share it with friends.

### To watch videos

1. On the main Gallery screen, touch a video album and then touch the video you want to watch to start playing back the video.
2. Touch the screen to show the playback controls.



### To send a video using Mail

1. While viewing videos in a list, touch and hold the video, and then touch **Share** on the options menu.
2. When prompted, touch **HTC Mail** or **Gmail**.
3. The video is automatically attached to your email. Compose your message, and then touch **Send**. For more information on how to create and send email messages, refer to Chapter 5.

### To send a video using Messaging

1. While viewing videos in a list, touch and hold the video, and then touch **Share** on the options menu.
2. When prompted, touch **Messaging**.
3. The picture is automatically attached to your message. Compose your message, then touch Send. For more information on how to create and send messages, refer to Chapter 5.

### To upload videos on YouTube

You can upload videos to YouTube™. Before you do this, you must create a YouTube account and sign in to that account on your phone.

1. While viewing videos in a list, touch and hold the video, and then touch **Share** on the options menu.
2. When prompted, touch **YouTube**.
3. Enter a **Title**, **Description**, and **Tags** for your video. Select the **Public** check box if you want to share the video with everyone.
4. Touch **Upload**.

**Tip** You can view the upload progress by opening the notifications panel and then touching **YouTube**. Refer to “To open the notifications panel” in Chapter 1.

## 8.3 Using YouTube™

**YouTube™** is a free online video streaming service that allows you to view videos that have been uploaded by YouTube members.

**Note** You must have an active data (3G, GPRS) or Wi-Fi connection to access YouTube.

### To open YouTube

Press **HOME**, touch the **Applications** tab, and then touch **YouTube**.

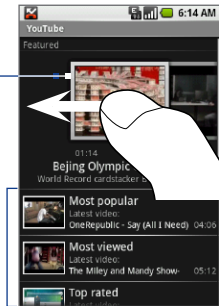
The YouTube screen appears with the videos grouped into categories, such as **Featured**, **Most popular**, **Most viewed**, **Top rated**, and more.

### To close YouTube


While on the YouTube screen, press HOME or BACK to close YouTube.

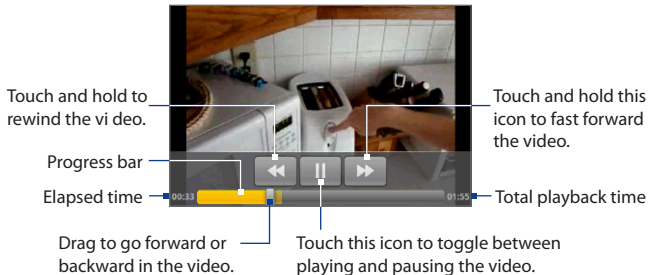
Featured videos.  
Slide your finger to the left to view more featured videos.

Video categories




## Watch videos

1. On the YouTube screen, touch a video category.
  2. Touch a video to play it. When the keyboard is open, you can also highlight the video using the TRACKBALL, and then press  to play it.
- Note** The screen automatically switches to landscape orientation when you play a video.
3. Touch the lower part of the screen to display the playback controls.



4. Press BACK to stop playback and return to the videos list.

## Search for videos

1. On the YouTube screen, press MENU and then touch **Search**.
2. Enter a search keyword, and then touch .
3. The number of search results appears below the status bar. Scroll through the results and touch a video to watch it.

## To clear the search history

1. Press MENU and then touch **Settings**.
2. Touch **Clear search history** and then touch **OK** when prompted.

## Share videos

You can share a video by sending its link to your contacts.

1. Do one of the following:
  - While viewing videos in a list, touch and hold the video, and then touch **Share** on the options menu.
  - While watching a video, press MENU and then touch **Share**.

**Note** If you have set up an external email account in addition to your Gmail account, you will be prompted to select the email account to use to send the video link.

A new email message appears with the video link automatically added to the email message.

2. Compose your email and then send it. For more information about composing and sending emails, refer to Chapter 5.

## 8.4 Using Music

**Music** plays digital audio files from the phone's storage card. Music supports the following music file formats: **MP3**, **M4A** (iTunes application AAC, DRM-free), **AMR**, **WMA (8)**, **MIDI**, **WAV**, **OGG Vorbis**.

Since Music only plays audio files saved on the storage card of your phone, you must copy your audio files to the storage card before you open Music.

### To copy music into the storage card

1. Set the phone's storage card as a USB drive. See "Using the Phone's Storage Card as a USB Drive" in Chapter 1 for details.
2. On the computer, navigate to the USB drive and open it.
3. Create a folder on the root folder of the storage card (for example, Music).  
**Tip** You can also create and use folders to organize your music inside the Music folder you have created.
4. Copy the music into the folder you have created.
5. After copying music, unmount or eject the drive as required by your computer's operating system to safely remove the phone.
6. Disconnect the phone from the computer.

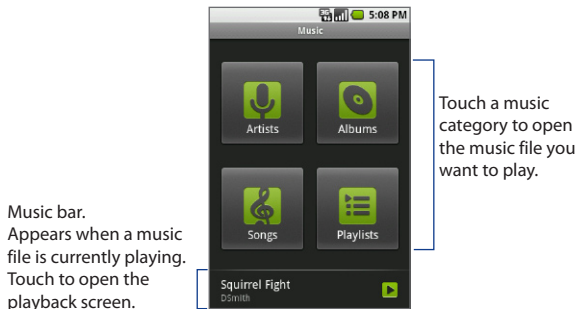
### To open Music

Press **HOME**, touch the Applications tab, and then touch **Music**. The Music library screen displays.

## Music library

Your music is organized into four categories: **Artists**, **Albums**, **Songs**, and **Playlists**. Touch a category to view the list within each.

When inside a category, keep touching the screen until you reach the music you want to play. For example, if you touch **Artists**, you will see a list of artists in alphabetical order. If you touch an artist, the list opens to display the available albums or music. Select an album and the album's song list displays.

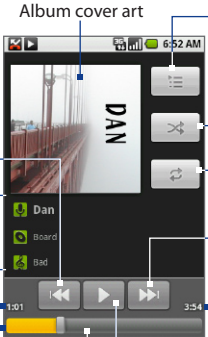


## Play music

At any level inside a Music library category, touch and hold an item (a song, artist, album, or playlist) to open the options menu, and then touch **Play**. The playback screen opens.

- Notes**
- Press the VOLUME UP or VOLUME DOWN button to adjust the playback volume.
  - If you are using the wired headset to listen to music, press the button to toggle between playing and pausing playback. Press and hold the button to go to the next track on the playlist.

## Playback screen

- 
- The diagram shows the iPod touch playback screen with the following controls and functions:
- Album cover art:** Touch to view the current playlist.
  - Touch and hold to rewind the song.**
  - Touch once to jump to the beginning of the song.**
  - Touch twice to play the previous song on the album.**
  - Touch to turn shuffle on and off. (Shuffle is off when button is gray.)**
  - Touch to cycle through the repeat modes:**
    - Repeat all songs
    - Repeat the current song
    - Don't repeat
  - Touch and hold to fast forward the song.**
  - Touch once to play the next song on the album.**
  - Elapsed time:** 1:01
  - Progress bar:** Touch and drag to jump to any part of the song.
  - Total playback time:** 3:54
  - Touch to pause or to resume playing the song.**
  - Song information:** Dan, Board, Bid

**Tip** While on the Music library or playback screen, you can play all songs in your library in random order. Press MENU, then touch **Party shuffle**. The first randomly selected song will play. To turn off Party shuffle, press MENU, then touch **Party shuffle off**.

## Use playlists

Use playlists to organize your music files. You can create as many playlists as you want on your phone.

### To create a playlist

1. Touch a category on the Music library screen.
2. In the list that appears, use the TRACKBALL to navigate to the artist, album, or song that you want to add in the playlist.
3. Touch and hold the artist, album, or song, then touch **Add to playlist** on the options menu.

4. In the **Add to playlist** window, touch **New**.

**Tip** If you want to add the artist, album, or song to an existing playlist, touch the playlist's name in the Add to playlist options menu.

5. Enter the name for your new playlist and then touch **Save**.

### To manage your playlists

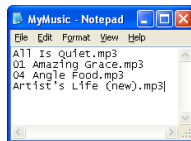
1. Go to the Music library screen and then touch **Playlists**.
2. Do one of the following:
  - To play the songs in a playlist, touch the playlist name.
  - To delete a playlist, touch and hold the playlist, then touch **Delete**.
  - To rearrange the songs or remove a song in a playlist, touch and hold the playlist, then touch **Edit** on the options menu. Touch and hold (⌘) before the song you want to move, drag it to its new position, then release.
  - To delete a song in a playlist, touch and hold the song, then touch **Remove from playlist**.
  - To rename a playlist, touch and hold the playlist, then touch **Rename** on the options menu. Enter the new playlist name, then touch **Save**.

**Note** The **Recently added** playlist is a system playlist and cannot be deleted or renamed. To import a playlist

### To create a playlist from your PC

You can create playlists on your computer, then save these on your storage card. Music can access the following playlist formats: **M3U**, **WPL**, and **PLS**.

1. On your computer, open a simple text file for editing.
2. On separate lines, enter all the music file names you want to include in your playlist.





- Notes**
- The names you list in the file should be the names that appear when you view the contents of your storage card through your computer's file system, not the names that appear in the list of songs on your phone.
  - Your phone will simplify the names and will not include track numbers or file extensions (for example, .mp3).
3. Save the playlist file using **.m3u** as the file name extension (for example, MyMusic.m3u).
  4. Copy the playlist file to the Music folder on the storage card. Follow the instructions in "To copy music into the storage card" section earlier in this chapter.
- Tip** It is recommended that you create a **Playlist** folder inside your **Music** folder in the storage card to hold all your playlist files.

## Set a song as ring tone

You can use songs as your phone ring tone.

1. From the Music library, navigate to the song that you want to use as ring tone.
2. Touch and hold the song, then touch **Use as phone ringtone** on the menu. The song is set as your default incoming call ring tone.

## To check if the song was added as a ring tone

1. On the Home screen, press MENU and then touch **Settings**.
2. On the Settings screen, touch **Sound & display > Phone ringtone**. The song should be listed as an option.

## Delete music on the storage card

1. On the Music Library screen, touch **Artists, Album, or Songs**.
2. Touch and hold the artist, album, or song you want to delete, then touch **Delete** on the options menu.
3. When prompted, touch **OK**.

## 8.5 Viewing PDF Files

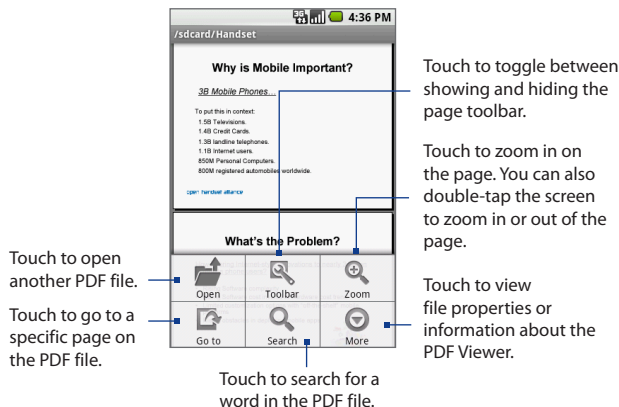
Use **PDF Viewer** to view PDF files that you copied to the storage card.

### To open a PDF file

1. On the Home screen, touch the Applications tab and then touch **PDF Viewer**.
2. On the Open file screen, touch the PDF file you want to view.

### To view a PDF file

Slide your finger on the screen to pan or go through the pages of the PDF file. While viewing a PDF file, press MENU to open another PDF file, zoom in, search the file, and more.



Turn your phone sideways (turn to the left) to view the PDF file in landscape mode. The screen orientation automatically adjusts depending on how you hold the phone.

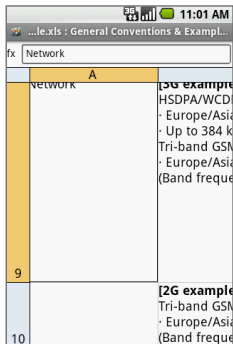
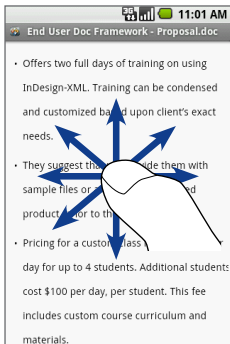
## 8.6 Using Quickoffice

**Quickoffice** lets you view Microsoft Office Word (.doc), Microsoft Office Excel (.xls), and text (.txt) files on your phone. Copy the files to the phone's storage card before you open Quickoffice.

### To view documents and spreadsheets

1. On the Home screen, touch the Applications tab, and then touch **Quickoffice**.
2. Touch **Memory card** and then touch the file you want to open.
 

**Tip** While on the Memory card screen, press **MENU** and then touch **Sort by** to let you sort the list by **Name**, **Type**, **Size**, or **Date Modified**.
3. Slide your finger on the screen to pan or go through the pages of the file.



4. While viewing a file, you can:
  - Slide your finger on the screen to open the zoom controls.
  - For Excel files, press **MENU** and then touch **Worksheet** to view other worksheets on the file.
  - For Word and Excel files, touch a URL link to open the web page in Browser.



# Chapter 9

## Getting Applications from Android Market

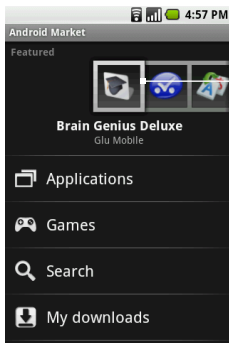
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### 9.1 Using Android Market

Android Market provides direct access to useful applications and fun games which you can download and install on your phone. Android Market also allows you to send feedback and comments about an application, or flag an application that you find objectionable or incompatible with your phone.

#### To open Android Market

1. Press HOME, then touch the Applications tab, and then touch **Market**.
2. When you open Android Market for the first time, the Terms of Service window will appear. Touch **Accept** to continue.



Touch to open the application details screen.

Touch a category to open a sub-category and view more applications.

Touch to search Android Market.

Touch to view your downloads.

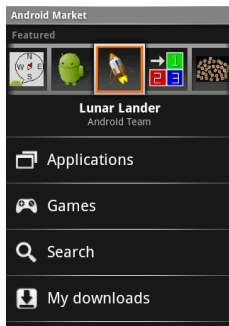
## 9.2 Getting Help

If you need help or have questions about Android Market, press MENU and touch **Help**. The Browser will take you to the Android Market Help web site.

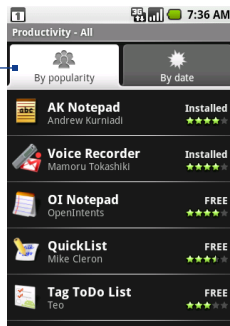
## 9.3 Finding Applications

The Android Market home page provides several ways to find applications. It showcases featured applications and includes a list of item applications by category, a list of games, a link to search, and a link to My downloads.

Scroll horizontally through the featured items or select a category to browse its contents, then select a subcategory. Within each subcategory you can select to view items sorted **By popularity** or **By date**.



Touch the tab to sort by popularity or date.



**Note** All items in a subcategory are listed in each tab; those in the **By popularity** tab are sorted from most popular to least popular, and those in the **By date** tab are sorted from newest to oldest.

## 9.4 Installing an Application

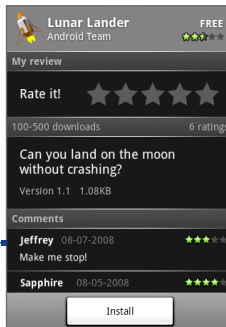
### To install and open an application

1. Navigate to the item that you want to download, and then select it.
2. On the details screen, read more about the application, including its overall rating, and comments by users. Scroll down to the About the developer section and view more applications by this developer, visit the developer's website, and send the developer an email message.

**Important** Press **MENU** and select **Security permissions** to view the functions and data this item can access on your phone.

Scroll down to view more of this developer's applications or to email the developer.

Touch and hold a comment to let you report a comment as spam.



More info about item.

User comments about item.

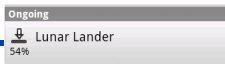
3. On any application details screen, touch **Install**.

**Important** If the application requires either access to any of your data or control of any functions on your phone, Market tells you what the application can access.

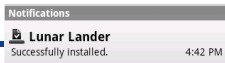
**Be careful!** Exercise caution with applications that have access to many functions or a significant amount of your data. Once you touch **OK** on this screen, you are responsible for the results of using this item on your phone. Touch **OK** if you agree to the conditions of the application.


4. To check the progress of the download, open the notifications panel. Most applications are installed within seconds. If you want to stop downloading the item, touch **Cancel download**.

Download progress appears in the Ongoing section of the notifications window.



Once downloaded and installed, a notification appears.



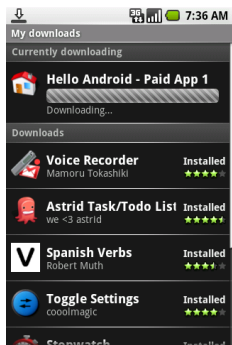
5. After the item is downloaded and installed on your phone, the content download icon  appears in the notification area of the status bar.
6. On the Android Market screen, touch **My downloads**.
7. Touch the installed application in the list, and then touch **Open**.

**Tip** You can also find the icon of the installed application on the Applications tab.



## 9.5 Managing Applications

From the Android Market Home, touch **My downloads** to view your downloaded items. From any of the Android Market screens, press MENU and touch **My downloads** to go to the screen.



## 9.6 Uninstalling an Application

You can uninstall any application that you have downloaded and installed from Android Market.

1. On the My downloads screen, touch the application you want to uninstall, and then touch **Uninstall**.
2. When prompted, touch **OK** to remove the application on your phone.
3. Choose the reason for removing the application, and then touch **OK**.



# Chapter 10

## Managing Your Device





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### 10.1 Changing Basic Settings

#### Set the date, time zone, and time

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

#### To manually adjust the date, time zone, and time

1. Press HOME > MENU, and then touch **Settings**.
2. Scroll down the screen, and then touch **Date & time**.
3. Clear the **Automatic** check box.
4. Touch **Set date**. On the Change date window, touch  or  to adjust the date, month, and year, and then touch **Set** when finished.
5. Touch **Set time zone**, and then select the time zone in the list. Scroll down the list to view more time zones.
6. Touch **Set time**. On the time window, touch  or  to adjust the hour and minute, and then touch **AM** to change to **PM** or vice versa. Touch **Set** when finished.
7. Select the **Use 24-hour format** check box to toggle between using a 12-hour or a 24-hour format.

8. Touch **Select date format**, and then select how you want dates to display on your phone. The selected date format also applies to the date displayed in the Alarm Clock.

**Note** For details on how to set an alarm, see “Using Alarm Clock” in Chapter 4.

## Display settings

### To adjust the screen brightness

1. Press HOME > MENU, and then touch **Settings**.
2. Touch **Sound & display**, scroll down the screen, and then touch **Brightness**.
3. Drag the brightness slider to the left to decrease or to the right to increase the screen brightness.
4. Touch **OK**.

### To adjust the time before the screen turns off

After a period of inactivity, the phone screen turns off to conserve battery power. You can set the idle time before the screen turns off.

1. Press HOME > MENU, and then touch **Settings**.
2. Touch **Sound & display**.
3. Scroll down the screen, and then touch **Screen timeout**.
4. Select the time before the screen turns off, and then touch **OK**.

**Tip** To turn off the screen quickly, press the END CALL/POWER button.

### To prevent the screen orientation from automatically changing

By default, the screen orientation automatically adjusts depending on how you hold the phone.

1. Press HOME > MENU, and then touch **Settings**.
2. Touch **Sound & display**.
3. Scroll down the screen, and then clear the **Orientation** check box.

### To keep the screen on while charging the phone

You can keep the phone from turning off the screen while you are charging the phone.

1. Press HOME > MENU, and then touch **Settings**.
2. Touch **Applications > Development**, and then select the **Stay awake** check box.

## Ringer settings

### To change the ring tone

1. Press HOME > MENU, and then touch **Settings**.
2. Touch **Sound & display > Phone ringtone**.
3. Touch the ring tone you want to use, and then touch **OK**. The ring tone briefly plays when selected.

**Tip** You can use audio files that you downloaded from the Internet or copied from your computer as ring tones. For a complete list of supported audio file formats for ring tones, see "Specifications" in the Appendix.

### To enable touch tones

You can set the phone to play a sound when you touch the dial pad (when making a call) or when you select items on the screen.

1. Press HOME > MENU, then touch **Settings**.
2. Touch **Sound & display**, and then scroll down the screen.
3. Select **Audible touch tones** and/or **Audible selection**.

### To choose the notification ring tone

You can select the ring tone to play when your phone receives new notifications.

1. Press HOME > MENU, then touch **Settings**.
2. Touch **Sound & display > Notification ringtone**.
3. Select your preferred notification ring tone in the list and then touch **OK**.

## Phone services

Your phone can directly link to the mobile phone network, and enable you to access and change the settings of various phone services for your phone. Phone services may include Call Forwarding, Call Waiting, Voicemail, and more. Contact your wireless service provider to find out about the availability of phone services for your phone.

### To access and change the phone services settings

1. Press HOME > MENU, and then touch **Settings**.
2. Touch **Call settings**.

**Note** For more information about the phone services on your phone, refer to the “Adjusting Phone Settings” in Chapter 2.

### To enable data roaming

Data roaming lets you connect to your wireless service provider’s partner networks and access data services when you are out of your wireless service provider coverage area.

1. Press HOME > MENU, and then touch **Settings**.
2. Touch **Wireless controls > Mobile networks**.
3. Select the **Data roaming** option.

**Important** Accessing data services while roaming may incur significant charges. Inquire the data roaming tariffs with your wireless service provider before enabling data roaming.

## Language settings

You can change the language of your phone’s operating system.

1. Press HOME > MENU, and then touch **Settings**.
2. Touch **Locale & text > Select Locale** and then select the language you want to use.

## 10.2 Protecting Your Phone

### Protect your SIM card with a PIN

You can protect your SIM card from unauthorized use by assigning a PIN (personal identification number).

#### To enable the SIM card PIN

1. Press **HOME** > **MENU**, and then touch **Settings**.
2. Touch **Security**, scroll down the screen, and then touch **Set up SIM card lock**.
3. Select the **Lock SIM card** option.
4. Enter the default SIM card PIN using the keyboard, and then touch **OK**.
5. To change the SIM card PIN at any time, touch **Change PIN code**.

**Tip**      Emergency calls can be placed at any time, without requiring a PIN.

#### To restore a SIM card that has been locked out

If you enter the wrong PIN more times than the maximum number of attempts allowed, your SIM card will become “PUK-locked.” You need a new PUK code to restore access to the device. This code may have been provided by your wireless service provider when you received your SIM card.

Touch **Emergency Dial** and enter this sequence on the keypad:

**\*\*05\*[PUK code]\*[new PIN]\*[new PIN]#**

For example, if your PUK code is 888888 and you would like to reset the SIM card PIN to 7777, enter the following in Emergency Dial:

**\*\*05\*888888\*7777\*7777#**

## Protect your phone with a screen lock

You can further secure your data by locking the screen and/or requiring a screen unlock pattern every time your phone is turned on or every time it wakes up from sleep mode (screen is off).

### To lock the screen

Press the END CALL/POWER button. Locking the screen prevents accidental screen touches when the phone is in your bag, purse, or pocket.

**Note** To unlock the screen, press one of the buttons in front of the phone, and then press MENU.

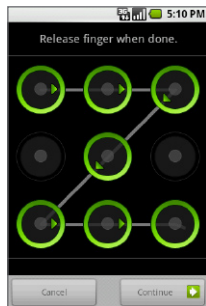
### To create and enable the screen unlock pattern

You can increase the security of your phone by creating a screen unlock pattern. When enabled, you have to draw the correct unlock pattern on the screen to unlock the phone's control buttons and touch screen.

1. Press HOME > MENU, and then touch **Settings**.
2. Touch **Security** > **Set unlock pattern**.
3. Read the information on the screen, and then touch **Next**.
4. Study the example pattern on the screen, and then touch **Next**.
5. Draw the screen unlock pattern by connecting at least four dots in a vertical, horizontal and/or diagonal direction. Lift your finger from the screen when finished.

**Note** You must slide your finger on the screen to create the pattern and not touch individual dots.

6. The phone records the pattern. Touch **Continue**.
7. When prompted, draw the screen unlock pattern again, and then touch **Confirm**.





- Tip** Clear the **Use visible pattern** check box, if you do not want the unlock pattern to display on the screen when you unlock it.
- Note** To change your unlock screen pattern, press HOME > MENU, and then touch **Settings > Security > Change unlock pattern**.

When you fail to draw the correct unlock pattern on the screen after five attempts, you will be prompted to wait for 30 seconds before you can try again.

If you forgot your screen unlock pattern, touch Forgot pattern. You will be prompted to sign in using your Google account name and password, and create a new screen unlock pattern before the Home screen displays.

## 10.3 Managing Memory

### To see how much phone memory is available for use

1. Press HOME > MENU, and then touch **Settings**.
2. Scroll down the screen, and then touch **SD card & phone storage**. The available phone memory is displayed in the Internal phone storage section.

### To see the available storage card space

1. Press HOME > MENU, and then touch **Settings**.
2. Scroll down the screen, and then touch **SD card & phone storage**. The total and available storage card space display in the SD card section.

### To clear application cache and data

1. Press HOME > MENU, and then touch **Settings > Applications > Manage applications**.
2. In the Manage applications list, touch the application whose cache and/or data you want to delete.

**Tip** Press MENU to bring up sort and filter options.

- 3 In the Application info screen, touch **Clear data** and/or **Clear cache**.

**To uninstall third-party applications**

You can remove applications that you have downloaded and installed from the Internet.

1. Press **HOME > MENU**, and then touch **Settings > Applications > Manage applications**.
2. On the Manage applications screen, touch the application you want to uninstall.
3. On the Application info screen, touch **Uninstall**.

- Notes**
- You cannot uninstall applications that are preinstalled on the phone.
  - You can also uninstall applications that you downloaded and installed from Android Market. See “Uninstalling an Application” in Chapter 9.

**To free up more phone memory or storage card space**

If your phone is running low on memory, try the following:

- In Browser, clear all temporary Internet files and Browser history information. See “Browser” in Chapter 6 for more information.
- Uninstall downloaded programs from Android Market you no longer use. See Chapter 9 for details.

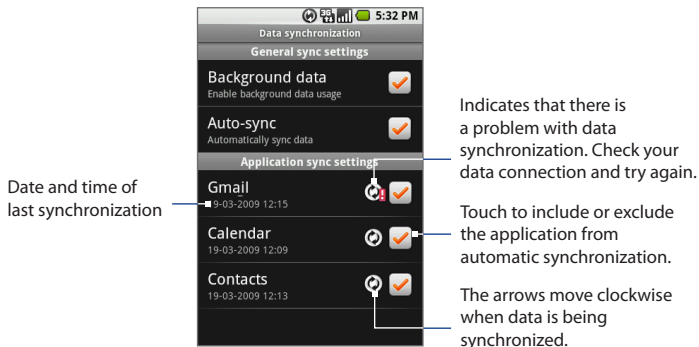
## 10.4 Synchronizing Google Apps

Google Apps on your phone, such as Gmail, Calendar, and Contacts, give you access to the same personal information (emails, events, and contacts) that you add, view, and edit on your computer using Gmail or Calendar. Synchronize the Google Apps you want to keep information up-to-date.

## To select which application to synchronize

1. Press HOME > MENU.
2. Touch **Settings** > **Data synchronization** > **Data synchronization**.

**Note** By default, all personal information in Gmail, Calendar, and Contacts will sync whenever you make a change or receive a new message.



3. Select the Google Apps you want to synchronize.

**Tip** Select **Auto-sync** to automatically synchronize all applications. When **Auto-sync** is disabled, you can synchronize individual applications manually by selecting their respective check boxes.

## To stop synchronization

During synchronization, press MENU, then touch **Cancel sync** to stop synchronization.

## 10.5 Resetting the Phone

Resetting the phone deletes all data, including downloaded applications, and resets the phone back to its initial state—the state before you turned on the phone for the first time.

**Important** Make sure to back up important data you have on the phone before you perform a factory data reset.

### To perform a factory data reset

If you can access the phone settings, you can perform a factory data reset from the **SD card & phone storage** menu.

1. Press **HOME > MENU**, and then touch **Settings**.
2. Scroll down the screen, and then touch **SD card & phone storage**.
3. Navigate to the Internal phone storage section, and then touch **Factory data reset**.
4. On the Factory data reset screen, touch **Reset phone**, and then touch **Erase everything**.

### To perform a factory data reset using phone buttons

If you are not able to access the phone settings, you can perform a factory data reset by pressing a combination of phone buttons.

1. With the phone turned off, press and hold the **HOME** and **BACK** buttons, and then briefly press the **END CALL/POWER** button.
2. When you see the screen with three Androids, release the **HOME** and **BACK** buttons, and then press the **TRACKBALL**.

**Tip** If your phone hangs or freezes, remove the battery, wait for a few seconds, and then re-install it. After re-installing the battery, turn on the phone.

# Appendix

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## A.1 Regulatory Notices

### Regulatory Agency Identifications

For regulatory identification purposes, this product is assigned a model number of **DREA210**.

To ensure continued reliable and safe operation of this product, use only the accessories listed below with your **DREA210**.

The Battery Pack has been assigned a model number of **DREA160**.

**Note** This product is intended for use with a certified Class 2 Limited Power Source, rated 5 Volts DC, maximum 1 Amp power supply unit.

### Federal Communications Commission Notice

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.

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 TV reception, which can be determined by turning the equipment on and off, 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 or television technician for help.

### **Industry Canada Notice**

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

This Category II radiocommunication device complies with Industry Canada Standard RSS-310.

Ce dispositif de radiocommunication de catégorie II respecte la norme CNR-310 d'Industrie Canada.

## IMPORTANT NOTE:

### IC Radiation Exposure Statement

This EUT is compliance with SAR for general population/uncontrolled exposure limits in IC RSS-102 and had been tested in accordance with the measurement methods and procedures specified in IEEE 1528. This equipment should be installed and operated with minimum distance 1.5cm between the radiator & your body.

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

The County Code Selection feature is disabled for products marketed in the US/Canada.

### Modifications

The FCC requires the user to be notified that any changes or modifications made to the device that are not expressly approved by High Tech Computer Corporation may void the user's authority to operate the equipment.

### Body-worn operation

This device was tested for typical body-worn operations with the back of the phone kept **1.5 cm** from the body. To maintain compliance with FCC RF exposure requirements, use only belt-clips, holsters or similar accessories that maintain a **1.5 cm** separation distance between the user's body and the back of the phone, including the antenna. The use of belt-clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

## **Safety Precautions for Radio Frequency Exposure**

- Use only original manufacturer-approved accessories, or accessories that do not contain any metal.
- Use of non-original manufacturer-approved accessories may violate your local Radio Frequency exposure guidelines and should be avoided.

## **FCC RF Radiation Exposure Statement**

- This Transmitter has been demonstrated co-location compliance requirements with Bluetooth and WLAN.  
This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
- This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment.

## **Exposure to Radio Frequency (RF) Signals**

Your phone contains a radio transmitter and receiver. The radiated output power is far below the international radio frequency exposure limits. These limits are part of comprehensive guidelines and establish permitted levels of Radio Frequency energy for the general population. The guidelines are based on the safety standards previously set by international standards bodies:

- American National Standards Institute (ANSI) IEEE. C95.1-1992
- National Council on Radiation Protection and Measurement (NCRP). Report 86. 1986
- International Commission on Non-Ionising Radiation Protection (ICNIRP) 1996
- Ministry of Health (Canada), Safety Code 6. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.



The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in usage.

As with other mobile radio transmitting equipment, users are advised that for satisfactory operation of the equipment and for the safety of personnel, it is recommended that no part of the human body be allowed to come too close to the antenna during operation of the equipment.

Your phone has an internal antenna. Use only the supplied integral antenna. Use of unauthorized or modified antennas may impair call quality and damage your phone, causing loss of performance and SAR levels exceeding the recommended limits as well as result in non-compliance with local regulatory requirements in your country.

To assure optimal phone performance and ensure human exposure to Radio Frequency energy is within the guidelines set forth in the relevant standards; always use your phone only in its normal-use position. Do not touch or hold the antenna area unnecessarily when placing or receiving a phone call. Contact with the antenna area may impair call quality and cause your phone to operate at a higher power level than needed. Avoiding contact with the antenna area when your phone is IN USE optimizes the antenna performance and the battery life.

Tests for SAR are conducted using standard operating positions specified by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operation can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output. Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government-adopted requirement for safe exposure.

The tests are performed in positions and locations (for example, at the ear and worn on the body) as required by the FCC for each model. (Bodyworn measurements may differ among phone models, depending upon available accessories and FCC requirements). For body worn operation, to maintain compliance with FCC RF exposure guidelines, use only original manufacturer approved accessories. When carrying the phone while it is on, use the specific original manufacturer supplied or approved carrying case, holster, or other body-worn accessory.

## **SAR Information**

1.07 W/Kg@1g (Head)

1.20 W/Kg@1g (Body)

## **Telecommunications & Internet Association (TIA) Safety Information**

### **Pacemakers**

The Health Industry Manufacturers Association recommends that a minimum separation of six inches be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research. Persons with pacemakers:

- Should ALWAYS keep your phone more than six inches from their pacemaker when your phone is turned **on**.
- Should not carry your phone in a breast pocket.
- Should use the ear opposite the pacemaker to minimize the potential for interference. If you have any reason to suspect that interference is taking place, turn your phone **off** immediately.

### **Hearing Aids**

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your wireless service provider, or call the customer service line to discuss alternatives.

### Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your phone to determine if they are adequately shielded from external Radio Frequency energy. Your physician may be able to assist you in obtaining this information.

Turn the phone **off** in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external Radio Frequency energy.

### WEEE Notice

The Directive on Waste Electrical and Electronic Equipment (WEEE), which entered into force as European law on 13th February 2003, resulted in a major change in the treatment of electrical equipment at end-of-life.

The purpose of this Directive is, as a first priority, the prevention of WEEE, and in addition, to promote the reuse, recycling and other forms of recovery of such wastes so as to reduce disposal.



The WEEE logo (shown at the left) on the product or on its box indicates that this product must not be disposed of or dumped with your other household waste. You are liable to dispose of all your electronic or electrical waste equipment by relocating over to the specified collection point for recycling of such hazardous waste. Isolated collection and proper recovery of your electronic and electrical waste equipment at the time of disposal will allow us to help conserving natural resources. Moreover, proper recycling of the electronic and electrical waste equipment will ensure safety of human health and environment. For more information about electronic and electrical waste equipment disposal, recovery, and collection points, please contact your local city centre, household waste disposal service, shop from where you purchased the equipment, or manufacturer of the equipment.

### RoHS Compliance

This product is in compliance with Directive 2002/95/EC of the European Parliament and of the Council of 27 January 2003, on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS) and its amendments.

## A.2 Specifications

<b>Processor</b>	Qualcomm® MSM7201A™, 528 MHz
<b>Platform</b>	Android™
<b>Memory</b>	ROM: 256 MB RAM: 192 MB
<b>Dimensions (LxWxT)</b>	117.7 X 55.7 X 17.1 mm (4.63 X 2.19 X 0.67 inches)
<b>Weight</b>	159 g (5.61 ounces) with battery
<b>Display</b>	3.17-inch TFT-LCD flat touch-sensitive screen with 320 X 240 HVGA resolution
<b>Network</b>	<p>HSPA/WCDMA:</p> <ul style="list-style-type: none"> <li>• 850/1900 MHz</li> <li>• Up to 7.2 Mbps down-link (HSDPA) and 2 Mbps up-link (HSUPA) speeds</li> </ul> <p>Quad-band GSM/GPRS/EDGE:</p> <ul style="list-style-type: none"> <li>• 850/900/1800/1900 MHz</li> </ul> <p>(Band frequency, HSPA availability, and data speed are operator dependent)</p>
<b>Device Control</b>	Trackball with Enter button
<b>Keyboard</b>	Slide-out 5-row QWERTY keyboard
<b>GPS</b>	GPS navigation capability with Google Maps™
<b>Connectivity</b>	<ul style="list-style-type: none"> <li>• Bluetooth® 2.0 with Enhanced Data Rate and A2DP for wireless stereo headsets</li> <li>• Wi-Fi®: IEEE 802.11b/g</li> <li>• HTC ExtUSB™ (11-pin mini-USB 2.0 and audio jack in one)</li> </ul>
<b>Camera</b>	3.2 megapixel color camera with auto focus
<b>Audio Supported Formats</b>	AAC, AAC+, AMR-NB, MP3, WMA, WAV, AAC-LC, MIDI, OGG
<b>Video Supported Formats</b>	MP4, 3GP

<b>Battery</b>	<ul style="list-style-type: none"><li>• Rechargeable Lithium-ion battery</li><li>• Capacity: 1150 mAh</li><li>• Talk time: Up to 350 minutes for WCDMA Up to 406 minutes for GSM</li><li>• Standby time: Up to 402 hours for WCDMA Up to 319 hours for GSM</li></ul> <p>(The above are subject to network and phone usage.)</p>
<b>Expansion Slot</b>	microSD™ memory card (SD 2.0 compatible)
<b>AC Adapter</b>	Voltage range/frequency: 100 - 240V AC, 50/60 Hz DC output: 5V and 1A
<b>Special Features</b>	Digital Compass, Motion Sensor

**Note** Specifications are subject to change without prior notice.



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