Google Maps

About Google Maps

Google 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 map, or view locations at street level.

- You need an active mobile data or Wi-Fi connection to use Google Maps.
- To find your location with Google Maps, you need to enable location sources.
- The Google Maps app does not cover every country or city.

Getting around maps

When you open Google Maps, you can easily find your location on the map or check out nearby places by panning and zooming in and out on the map.

To find your location with Google Maps, you need to enable location sources.

1. From the Home screen, tap > Maps.
2. Tap to show your current location. The blue marker shows your location on the map.
3. Do any of the following:

Move around	Swipe your finger to any direction on the screen to view nearby places on the map.
Zoom in	▪ Place your thumb and index fingers on top of the area that you want to zoom in, and then spread your fingers across the map. ▪ Tap ▪ Double-tap the area on the map that you want to zoom in.
Zoom out	▪ Pinch your thumb and index finger on the map to zoom out. ▪ Tap .
View information for a random location	1. Press and hold a location on the map. A balloon opens over the location, with the address and a thumbnail from street view (if available). 2. Tap the balloon to see more information. You can get directions to the location, check for nearby places of interest, and more.

Searching for a location

In Google Maps, you can search for a location, such as an address or a type of business or establishment (for example, museums).

1. In Maps, enter the place you want to search for in the search box.
2. Tap to search for the location you entered or tap a suggested search item. The search results are displayed as markers on the map.

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3. Do any of the following:
   - Tap a marker to see if that is what you're looking for, tap the balloon if it is.
   - Tap to show the search results as a list, and then tap the location.

   Details about the selected location displays on the screen.
4. Do any of the following:
   - Tap the onscreen buttons to view the location on a map, get directions, view the location in Street View, if available, and more. Scroll down the screen to view more options.
   - Swipe left or right across the screen to view the information for the next or previous search result.

Clearing the map

After searching on a map, you can clear away the various markers drawn on it.

Press , and then tap **Clear Map**.

Searching for a place of interest near you

Use Places to find places of interest near your current location. Places uses Google Maps to search common places that you would want to find, such as the nearest gas station or ATM kiosk.

Before using Places, you need to enable location sources.

1. From the Home screen, tap > **Places**.
2. Tap the place you want to search.
3. Do any of the following:
   - When one or two places of interest are found, the search results are displayed as markers on the map. You can tap the marker, and then tap the balloon to view more information about the place.
   - When several places are found, the search results display in a list. Tap a place to show its location on a map, and then tap its balloon to view more information about the place.

Getting directions

Get detailed directions to your destination. Google Maps can provide directions for travel by foot, public transportation, or car.

1. While viewing a map, press , and then tap **Directions**.
2. Do any of the following:
   - Use your current location as the starting point, or enter a location from where to start in the first text box. Then enter your destination in the second text box.

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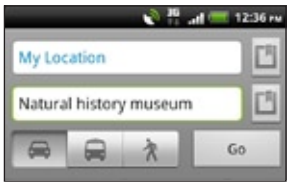
- Tap to select an address from your contacts or a point that you tap on a map.



3. Choose how you want to get to your destination by tapping the car, public transit, or walk button.
4. Tap **Go**. The next screen displays the directions to your destination in a list.

If the place you've set as your destination has several locations available, choose which one to go to.

5. Tap an item to view the directions on the map.
6. Tap the arrow buttons on the map to follow the directions.

When you're finished viewing or following the directions, press and then tap **Clear Map** to reset the map. Your destination is automatically saved in the Google Maps history.

Getting help

Get help and more information about Maps.

To open the help, press , and then tap **More** > **Help**. The web browser opens and takes you to the Google Maps Help site.

Finding your friends with Google Latitude (available by country)

Google Latitude user location service lets you and your friends share locations and status messages with each other. It also lets you send text and email 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. Only friends that you have explicitly invited or accepted can see your location.

Opening and joining Latitude

1. From the Home screen, tap > **Maps**.
2. While viewing a map, press and then tap **Join Latitude**.
3. After you've joined Latitude and closed the application, you can do any of the following to open it from the Home screen:
   - Tap > **Latitude**.
   - Open Maps, press , and then tap **Latitude**.

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Market and other apps

Finding and installing apps from Android Market

Android Market is the place to go to find new apps for your phone. Choose from a wide variety of free and paid apps ranging from productivity apps, entertainment, to games.

Paid apps are currently only available in certain countries.

Finding and installing an app

When you install apps and use them on your phone, they may require access to your personal information or access to certain functions or settings of your phone. Download and install only apps that you trust.

Be cautious when downloading apps that have access to your phone's functions or a significant amount of your data. You're responsible for the results of using downloaded apps on your phone.

You need a Google Checkout account to purchase items on Android Market.

1. From the Home screen, tap > **Market**.
2. Do any of the following to find an app:

Browse featured apps	Scroll through the list of featured apps.
Browse apps by categories	Tap **Apps** or **Games**, and then tap a category. Under a category, you can filter the apps by **Top paid**, **Top free** or **Just in**.
Search for an app	Tap , enter the name or type of app you're looking for, and then tap .

3. When you find the app that you like, tap it and read its description and user reviews.
4. To download or purchase the app, **FREE** (for free apps) or the price button under **Buy** (for paid apps).
5. If you agree to the conditions, tap **OK** to begin downloading and installing the app.

You can uninstall an app for a refund within a limited time after your purchase. To know more about the refund policy for paid apps, please visit the Android Market Help site (http://market.android.com/support).

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Opening an installed app

Do one of the following:

- If you see this icon ( ) on the status bar, open the Notifications panel, and then tap the app.
- From the Home screen, tap > **Market** > **My apps**. On the My apps screen, tap the app, and then tap **Open**.
- From the Home screen, tap . On the All apps screen, slide to the Downloaded tab, and then tap the app.

Uninstalling an app

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

1. From the Home screen, tap > **Market** > **My apps**.
2. Tap the app you want to uninstall, and then tap **Uninstall**.
3. When asked, tap **OK**.
4. Choose the reason for removing the app, and then tap **OK**.

Getting help

If you need help or have questions about Android Market, press , and then tap Help. The web browser will take you to the Android Market Help site.

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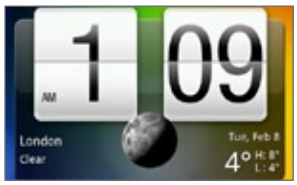
Using the Clock

About the HTC Clock widget

Use the HTC Clock widget to see your current date, time, and location. You can also use the Clock to show the time in another city.



Changing the city for the Clock widget

You can change the city to use for the Clock widget.

If you want to show the time of another city, you can:

- Edit the widget settings. Press and hold the Clock widget on the Home screen, the drag it to the **Edit** button. Select the city you want to show.
- Add another Clock widget to the extended Home screen. Select from a variety of looks and designs and choose the city to display.

Using the Clock app

Get more from the Clock app than just the regular date and time. Use your phone as a desk clock complete with weather information or as a world clock so you can see what time it is in several cities across the globe. You can also use it as an alarm clock, stopwatch, and countdown timer.

To open the Clock app, do one of the following:

- Tap the Clock widget on the Home screen.
- From the Home screen, tap and then tap **Clock**.

Tap the tabs on the bottom row or slide your finger across the tabs to switch between the different functions of the Clock app.

Using Desk Clock

Opening the Clock app brings you directly to the Desk Clock screen.

The Desk Clock displays the current date, time, and weather. It also has an alarm clock indicator and a battery charging indicator. You can dim the screen to show only the time and date.

- Tap the weather information to open the Weather app where you can see weather forecasts for the next few days.
- Tap to dim the screen and display only the time and date on the Desk Clock. To light up the screen again, tap anywhere on the screen.
- Tap to dim the screen and go into screensaver mode. When in screensaver mode, the time and date will change position on the screen every few minutes. To light up the screen again, tap anywhere on the screen.

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Using World Clock

Use the Clock app's World Clock tab to check the current time in several places around the globe simultaneously. You can also set your home city, add more cities to the world clock list, and manually set your time zone, date, and time.

Setting your home city

1. On the World Clock tab, press ☰ and then tap **Home settings**.
2. Enter your home city's name. As you enter letters, the list is filtered to show matching cities and countries.
3. Scroll through the list and tap your home city.

Setting the time zone, date, and time

To set the time zone, date, and time on your phone manually, you need to turn off auto time sync first.

1. On the World Clock tab, press ☰ and then tap **Local time settings**.
2. Clear the **Automatic** check box, and then set the time zone, date, and time as required.

From the Home screen, you can also press ☰ and then tap **Settings** > **Date & time** to open the Date & time settings screen.

Adding a city to the World Clock screen

Add more cities to the World Clock screen so you can instantly check the date and time in these cities.

1. On the World Clock tab, tap **Add city**.
2. Enter the city name you want to add. As you enter letters, the list is filtered to show matching cities and countries.
3. Scroll through the matching list and tap the city that you want to add.

Setting an alarm

You can use the Clock app's Alarms tab to set up one or more wake-up alarms.

1. On the Alarms tab, select the check box of an alarm and then tap that alarm.
2. On the Set alarms screen, drag your finger up or down to roll the time scroll wheels and set the alarm time.
3. Scroll through the Set alarms screen to see all the available alarm options. You can:
   - Enter the alarm **Description** and choose the **Alarm sound** to use.
   - Tap **Repeat**. Select which days of the week to sound the alarm, and then tap **OK**.
   - Select the **Vibrate** check box if you want your phone to also vibrate when the alarm goes off.
4. When you're finished setting the alarm, tap **Done**.

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- To turn off an alarm, clear the check box of that alarm.
- If you need to set more than three alarms, press ☰ while you're on the Alarms screen and then tap **Add alarm**.

Deleting an alarm

1. On the Alarms tab, press ☰ and then tap **Delete**.
2. Select the alarms you want to delete and then tap **Delete**.

Changing alarm sound settings

On the Alarms tab, press ☰ and then tap **Settings**. You can change the following settings:

Alarm in silent mode	Selected by default, this option allows the alarm to sound even when your phone's volume is set to silent. Clear this check box if you want to silence the alarm when your phone is in silent mode.
Alarm volume	Set the volume level that you want for the alarm.
Snooze duration	Set how long to snooze between alarms.
Side button behavior	Choose what happens to the alarm when pressing the side button (VOLUME UP/VOLUME DOWN) of your phone. You can set the button to snooze, dismiss the alarm, or disable the button. The side button works only when the phone's screen is not locked.

Checking Weather

You can use the Weather app and widget to check the current weather and weather forecasts for the next four days. In addition to your current location, you can view weather forecasts for other cities around the globe. Your settings in the Weather app also control the weather information that is shown in the Clock and Calendar.

To automatically update your current location's weather in the Weather app and widget as well as Clock and Calendar:

- Your phone must be connected to the Internet.
- The My location service must be enabled. If you didn't enable it when you first set up your phone, you can do so in **Settings** > **Location**.

1. From the Home screen, tap ▦ > **Weather**.
2. Do any of the following:
   - Swipe your finger up or down the screen to check the weather in other cities.
   - Tap ⟳ to update the weather information at any time.
   - Tap **Weather** at the bottom center of the Weather screen to see more weather details on the Web.

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Adding a city to the Weather screen

Add more cities to the Weather screen so you can instantly check the weather forecasts in these cities. In addition to your current location, the Weather screen can display up to fifteen cities.

1. On the Weather screen, tap .
2. Enter the location you want to add. As you type, the list is filtered to show the possible locations based on the letters you entered.
3. Tap the desired city to select it.

Changing the order of cities on the Weather screen

1. On the Weather screen, press and then tap **Rearrange**.
2. Press and hold at the end of the item you want to move. When the row is highlighted in green, drag it to its new position, then release.
3. Tap **Done**.

Deleting cities from the Weather screen

1. On the Weather screen, press and then tap **Delete**.
2. Select the cities you want to remove and then tap **Delete**.

Changing Weather options

1. On the Weather screen, press and then tap **Settings**.
2. You can change the following weather settings:

Update when opened	Select this check box to refresh weather updates every time you open the Weather app.
Update automatically	Select this check box to automatically download weather updates.
Update schedule	Set an auto update schedule.
Temperature scale	Choose whether to display the temperature in Celsius or Fahrenheit.
Sound effects	Choose whether to play sound effects related to the weather conditions.

About the Weather widget

Use the Weather widget to instantly check weather forecasts of your current location and other cities without having to open the Weather app. The Weather widget comes in different looks and styles.

You can add this widget to the Home screen, if it's not yet added.

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Reading eBooks

Start your own library of bestsellers and literary classics right on your phone. Use the Reader app to read and download eBooks from Kobo, an online bookstore.

We've included some eBooks for you to try. To browse for more titles from Kobo, you need to be connected to the Internet.

1. From the Home screen, tap > **Reader**. On the Reader main screen, you'll find thumbnails of your recently read and downloaded eBooks.
2. Slide your finger left or right across the screen to browse through the available eBooks. You can also tap to browse through these eBooks in list view.
3. Tap an eBook to open it.
4. Slide your finger left or right to flip through pages in the eBook.
5. To zoom in or out, spread or pinch your thumb and index fingers across the page.
6. To view in landscape, turn your phone sideways.
7. Tap anywhere on the screen to use these controls:

	Quickly jump between chapters by dragging the slider.
	View the table of contents and your bookmarked pages. You can also see the notes and highlights that you've marked in the eBook.
	Add a bookmark.
	Change the font size.
	Recommend the eBook to your friends. You can share the book title in your social networks, or send it as a text message or email.

8. When you're done reading, press to close the eBook.

When you reopen an eBook, it will take you to the page that you last viewed.

Searching inside an eBook

1. While reading an eBook, press .
2. Type the word or words you want to search for.
3. Tap . You'll see a list of chapters that contain the matches.
4. Tap a chapter to preview where the matches appear.
5. Tap a match to go to the page that contains the text you're looking for.

Want to take your search further to the web? Simply select the text and then tap **Quick Lookup**.

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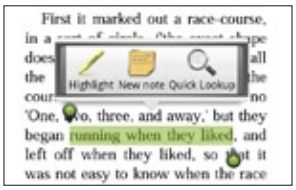
Adding a note or highlighting selected text

Spotted an interesting quote or a less-known fact? Take note or highlight it.

1. Press and hold on a word, and then drag the start and end markers to select the surrounding text.



2. On the popup bar:

Tap	To
Highlight	Mark the selected text with your choice of color.
New note	Add a short comment or remark.

Viewing notes and highlights you've created

1. Tap anywhere in the eBook you're reading, and then tap .
2. Go to the Notes tab or Highlights tab to view the information that you want.

Downloading an eBook

Browse the bookstore and choose from hundreds of available titles to download.

You need to have:

- a storage card on your phone
- an active Wi-Fi or data connection
- a Kobo account and an Adobe® ID account. If you don't have these accounts yet, either sign up from your phone or from your computer's web browser. (On your computer, go to: www.kobobooks.com/signup.html and www.adobe.com/cfusion/membership/index.cfm.)

1. If you have not yet logged in to Kobo and Adobe ID accounts, press , and then tap **Accounts** to sign in.
2. On the Reader main screen, tap .
3. In the eBooks by Kobo tab, do any of the following to find a book:
   - Tap a category to see available book titles.
   - View more categories. Press , and then tap either **Browse** or **Discover**.
   - Press to find a specific book title or author.
4. Tap the eBook you want to download. You'll then see information such as the eBook's price, its summary and ratings.
5. Tap to place your order.
6. Provide your purchase details, and then tap **Buy**.
7. Tap to download the eBook. When downloading is complete, you'll find the eBook in your library.

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- After you've used Kobo once to purchase an eBook, your phone remembers your billing details so you don't need to enter them the next time.
- If you've previously bought eBooks from Kobo using your computer, go to the Available for download tab in Reader to download them to your phone.

About the My Shelf widget

Use the My Shelf widget to easily open your eBooks for reading right from your Home screen.

Reading news feeds

Don't get left behind with yesterday's stories. Use the News app to subscribe to news feeds that cover breaking news, sports, top blogs, and more. You can also get updates based on specific keywords.

Subscribing to news channels

You need to be signed in to a Google Account before using the News app.

1. From the Home screen, tap > **News**.
2. On the Subscriptions tab, tap **Add feeds**.
3. Do one of the following:
   - Tap a category such as **Blogs** or **Entertainment** to choose from popular news feeds.
   - Tap **Search more** to search for a specific keyword or feed URL.
4. After selecting the channel or channels to subscribe to, tap **Add**.

To manually update news stories on your channels, press , and then tap **Refresh**.

Adding a keyword

Easily find stories that interest you by entering a search keyword. Stories that contain the same keyword are grouped together on the Keywords tab.

1. From the Home screen, tap > **News**.
2. On the My items tab, tap **Keywords** > **Add keywords**.
3. Enter the keyword, and then tap **Add**. Your new keyword is displayed on the Keywords screen.
4. Tap the keyword to show the stories that contain that keyword.

Reading a story

1. From the Home screen, tap > **News**.
2. On the Subscriptions tab, tap a channel.

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3. Tap a story to read it. While reading the story, you can:

Tap	To
	Star the story as a favorite.
	Share a link to the story from the available options.
	Go to the web page where the story is published.
	Go to the next or previous story in the channel.

4. If you want to read the whole story, tap **Read full article**. This opens the story in the web browser.

Changing update schedule and content settings

While on the News app, press > **Settings**, and then tap any of the following:

Accounts & sync	Manage sync options and general News settings.
Update when opened	Update the content of the channels you've subscribed to every time you open the News app.
Update schedule	Choose a time interval when the channels you've subscribed to are updated. Select **Manual** to refresh the content only when you like.
News content	Choose how to read news stories by default: whether as a summary or as a full web page article.
Mobile view	If you've selected to view the news content as a web page article, choose to display web page articles optimized for mobile viewing.

About the News widget

Use the News widget to read snippets of stories that you've subscribed to right from your Home screen.

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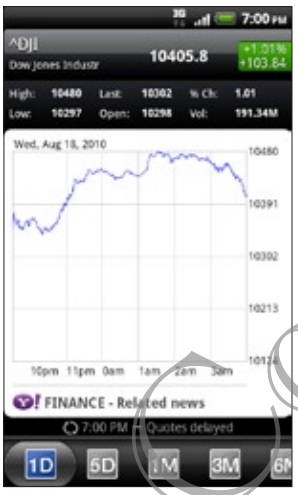
Keeping track of your stocks

Use the Stocks app to get the latest stock updates for stock quotes and market indices you follow.

1. From the Home screen, tap > **Stocks**.
2. On the Stocks main screen, do any of the following:
   - Tap an item to view from the list of stock quotes and market indices.
   - Tap to update the stock information.
   - Tap to add a stock quote or stock market index.
   - To change the stock list order, press , and then tap **Rearrange**. Press and hold at the end of the item you want to move, then drag it to its new position.
3. When you've selected a particular stock quote or stock market index, you can:



   - View an item's trade information as well as its price chart for a specific period.
   - Slide to other tabs to view up to two years of an item's past trade information.

Adding a stock quote or stock market index

1. On the Stocks main screen, tap .
2. Enter the stock quote or stock market index on the text field, and then tap .
3. Tap the stock quote or stock market index you want to add.

> To delete an item, press while on the Stocks main screen, and then tap **Delete**. Select the items you want to delete, and then tap **Delete**.

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Changing update schedule and color settings

Downloading stock information automatically may incur additional fees from your mobile operator.

On the Stocks main screen, press ☰, and then tap **Settings**. Do any of the following:

Tap	To
Update when opened	Update the stock information every time you open the Stocks app
Scheduled sync	Set automatic downloads of stock information.
Update schedule	Choose a time interval for checking updates.
Set color for price raise	Change the color for displaying stock price increases to either red or green, depending on what's being used in your country.

About the Stocks widget

Use the Stocks widget to instantly check stock updates right on your Home screen.

Working on documents, spreadsheets, and presentations

Need to tweak a report while you're on the go? Use Quickoffice to easily view, edit, or even create documents (*.doc) and spreadsheets (*.xls). You can also use it to view Microsoft PowerPoint (*.ppt) presentations and text (*.txt) files on your phone.

From the Home screen, tap > **Quickoffice**.

Viewing a document, spreadsheet, or presentation

1. On the Quickoffice main screen, tap the file you want to open.

If you have a long file list, press ☰, and then tap **Sort** to arrange your files by name or date. Press 🔍 to look for specific filenames.

2. While viewing a file, you can:
   - Slide your finger on the screen to pan or go through the pages of the file.
   - Turn your phone left sideways to view the file in landscape mode.
   - To zoom in, spread your thumb and index finger across the screen. To zoom out, pinch your thumb and index finger on the screen.
   - Press ☰ and then tap **Worksheet** to view other worksheets in an Excel file.
   - When you open Word documents, Quickoffice reformats the text to make it fit the screen's width. Press ☰, and then tap **View** to switch between normal and reformatted modes.

Editing a document or worksheet

1. While viewing a document or worksheet, press ☰, and then tap **Edit**.
2. Make your changes on the file.
3. When done, press ☰, and then tap **Save** (or **More** > **Save as**) to keep your changes.

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Creating a new document or worksheet

1. On the Quickoffice main screen, press ☰, and then tap **New**.
2. Choose a file type to create.
3. Start entering text.
4. When done, press ☰, and then tap **Save** (or **More** > **Save as**) to keep your changes.

Watching videos on YouTube

Use the YouTube app to check out what's popular on the online video-sharing website.

1. From the Home screen, tap ▦ > **YouTube**.
2. Scroll through the list of videos, and then tap a video to watch it.
3. While watching a video, you can:
   - Turn your phone sideways or double-tap the screen to watch the video in full screen.
   - Tap the video screen to pause, resume playback, or drag the slider to jump to a different part of the video.
   - Tap a tab to learn more about the video, see related videos, or check out what other viewers think. You can also slide your finger across the tabs to see if there are more items available.
   - Tap the thumbs-up or thumbs-down icon to add your video rating. Tap **More** to see other options.
4. Press ☰, and then tap **Home** to return to the YouTube main screen.

Searching for videos

1. On the YouTube main screen, press 🔍.
2. Enter a search keyword, and then tap 🔍.
3. Scroll through the results and tap a video to watch it.

> You also have the option to show results that were just recently posted. Tap **All time**, and then select a time period you want.

Clearing the search history

1. On the YouTube main screen, press ☰, and then tap **Settings**.
2. Tap **Clear search history**, and then tap **OK** when prompted.

Sharing a video link

1. On the video's watch screen, tap **More** > **Share**.
2. Choose how you want to share the video link from the available options.

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Capturing and sharing videos on YouTube

1. From the Home screen, tap > **YouTube**.
2. Tap .
3. Tap to start capturing video.
4. When you are done capturing, tap again.
5. Enter a title, description, and tags for your video.
6. Set the privacy level.
7. Tap **Upload**.

Listening to FM Radio

Tune in and listen to chart-topping pop songs using your phone's FM Radio app.

You need to connect a headset first to the audio jack of your phone to use FM Radio. FM Radio uses the stereo headset as the FM radio antenna.

From the Home screen, tap > **FM Radio**.

The first time you open FM Radio, it automatically scans for available FM stations, saves them as presets, and plays the first FM station found.

Tuning in to an FM station

There are several things you can do while you're on the FM Radio screen:

- Tap to view the All presets list, and then select a station you want to listen to.
- Tap to go to the previous available FM station, or to go to the next available FM station.
- Drag the slider to tune in to a frequency on the FM band.
- Tap to fine tune the radio frequency by -0.1 MHz or to fine tune the radio frequency by +0.1 MHz.
- Tap to add a preset name for the current station you are tuned into.
- Press the VOLUME UP and VOLUME DOWN buttons on the side of the phone to adjust the volume.
- To repeat scanning and saving of FM stations, press , and then tap **Scan & Save**.
- Press to mute the sound or to change the sound output to **Mono** or **Stereo**. You can also switch the sound output between the **Speaker** and **Headset**.

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Closing or turning off FM Radio

You can continue listening to the radio while using other apps on your phone or close the FM Radio app completely.

Tap	To
To close the FM Radio screen	Press . FM Radio continues to run in the background. To go back to the FM Radio screen, slide open the Notifications panel, and then tap **FM Radio**.
To turn off completely and close FM Radio	Tap on the FM Radio screen.

About the FM Radio widget

Use the FM Radio widget to listen to your favorite FM stations right on your Home screen.

Recording your voice

Don't just think out loud. Use Voice Recorder to quickly capture your thoughts. You can also record your voice and set it as a ringtone.

You need to have a storage card on your phone to use Voice Recorder.

1. From the Home screen, tap > **Voice Recorder**.
2. Hold the phone's microphone near your mouth.
3. Tap to start recording a voice clip.

Voice Recorder can run on the background while you do other things on your phone, except when you open other apps that also use audio functions. To go back to the Voice Recorder screen, slide open the Notifications panel, and then tap **Voice Recorder**.

4. Tap to stop recording.
5. Type a name for the voice clip and tap **Save**.
6. To play back the voice clip, tap .
7. To show options for sharing, deleting, or renaming the voice clip, press .

Sharing a voice clip

1. On the Voice Recorder screen, tap .
2. Press and hold the voice clip you want to share, and then tap **Share**.
3. From the available options, choose how you want to share the voice clip.

Setting a voice clip as a ringtone

1. On the Voice Recorder screen, tap .
2. Press and hold the voice clip you want to set as a ringtone, and then tap **Set as ringtone**.

HTC Confidential

Using Flashlight

Never get caught in the dark again. The Flashlight app turns on your phone's LED flashlight to shine a light wherever you need it.

From the Home screen, tap > **Flashlight**.

- To adjust the brightness of the light, simply tap the onscreen power button on the flashlight handle.
- Press to switch to **Auto flash**, **SOS**, or **Manual** mode

To close the flashlight, press .

Sharing games and apps

Having fun with a game or app that you found from Android Market? Share your favorite games and apps instantly with your circle of friends.

For your friends to link to the app and download it from Android Market, they must be using an Android phone.

1. From the Home screen, tap .
2. Press , and then tap **Share**. You'll then see the list of games and apps that you downloaded and installed from Android Market.
3. Tap an app, and then choose how to share it.

When your friends see the link in your sent message, email, or status update, they can simply tap the link to go directly to the game or app in Android Market to download it.

- While entering your status update in Friend Stream, you can also tap to choose from games or apps that you want to share in your social networks.
- If you've already created a new text or email message, press and then tap **Attach** > **App recommendation** to choose from your list of installed games and apps.

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HTC Sync

About HTC Sync

You have your new vacation photos on your phone while your business calendar is on your computer. Why not make these types of files and information available on both devices?

With HTC Sync, you can:

- Sync your contacts between your Microsoft Outlook, Outlook Express or Windows Contacts on your computer and your phone.
- Sync your calendar events between the Outlook or Windows Calendar on your computer and your phone.
- Bring your photos, videos, documents, songs, and playlists to your phone and enjoy them on the go.
- Easily import your captured photos and videos from your phone to your computer.
- Store the same bookmarks on both your computer and phone's web browsers.
- Install third-party mobile phone apps (not downloaded from Android Market) from your computer.

- You need a storage card inserted into your phone to be able to sync multimedia files and documents.
- The available categories and options depend on the phone you've connected to your computer.

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Installing HTC Sync that came with the storage card

Copy the HTC Sync installer from the storage card to your computer and use it to install.

- The HTC Sync version in the storage card that came with your phone can be installed on a computer running Windows 7, Windows Vista, or Windows XP.
- HTC Sync requires USB 2.0 on your computer to connect and sync with your phone.
- For trouble-free installation, first quit all running programs and temporarily exit from your anti-virus program before you start installing HTC Sync.

1. Connect your phone to your computer using the supplied USB cable.
2. On your phone's Connect to PC screen, tap **Disk drive**, and then tap **Done**. On your computer, the connected phone is recognized as a removable disk.
3. Navigate to the removable disk and open it.
4. Copy **HTCSync.exe** to your computer.
5. After copying, unmount the removable disk (that is, the connected phone) as required by your computer's operating system to safely remove your phone.
6. On your computer, double-click **HTCSync.exe** and follow the onscreen instructions to install HTC Sync.

After installing HTC Sync, the HTC Sync icon is added to your computer's system tray (check the bottom-right side of your computer screen). You can double-click this icon to open HTC Sync.

Setting up HTC Sync to recognize your phone

1. Connect your phone to your computer using the USB cable that came with your phone.
2. When your phone prompts you to choose a type of USB connection, tap **HTC Sync**, and then tap **Done**. Wait for HTC Sync to recognize your phone.
3. On the Device setup screen, enter a name for your phone.
4. Click **Save**. The Device panel then opens.

To change the name of your phone later, click **Overview** > **Device setup**.

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Getting to know the workspace

On the Device panel, you can set your sync options, see your phone's general information, check the used and available space on your storage card, and begin synchronization.

The available categories and options depend on the phone you've connected to your computer.

- You can click a category of items to see its sync options on the right side of the Device panel.

  Clicking **Overview** displays your phone's basic software information and storage card usage, change the phone name, or install third-party applications to your phone.

- The **Sync now** button lets you start syncing the categories and options you've selected.
- The estimated storage usage bar beside the **Sync now** button shows you the estimated storage card space that will be used when there are new items to be synchronized and added to your phone.

Setting up synchronization

You can choose the types of files and information you want to sync between your phone and computer.

Music sync options

Bring the music tracks and songs you play on your computer to your phone. If you have playlists created in iTunes® or Windows Media® Player, you can sync these too and enjoy them on the go.

You can sync audio files in these formats: *.aac, *.amr, *.m4a, *.mid, *.midi, *.mp3, *.wav, *.wma

1. On the Device panel, click Music, and then click the **On** button. Turning Music sync on means you want this category included every time you sync your computer and phone.
2. Select **Sync music files from**, and then click **Add**.
3. Choose a folder that contains your audio files, and then click **OK**.
4. Select **Sync music files from iTunes and Windows Media Player** if you're using iTunes or Windows Media Player on your computer, then choose the playlists you want to sync on your phone.

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Gallery sync options

You can automatically sync photos and videos between your phone and computer.

You can sync audio files in these formats:

- Photos: *.bmp, *.gif, *.jpeg, *.jpg, *.png
- Videos: *.3gp, *.3g2, *.mp4, *.wmv

1. On the Device panel, click **Gallery**, and then click the **On** button. Turning Gallery sync on means you want this category included every time you sync your computer and phone.
2. To automatically import your camera shots to your computer during synchronization, select **Copy device Camera Shots to PC**. Photos and videos from your storage card will be saved to the \My Photos\Device Camera Shots folder on your computer.
3. Select **Sync PC photos & videos from**, and then click **Add**.
4. Choose a folder that contains your multimedia files, and then click **OK**. All supported image and video files added to this folder will be copied to your phone's storage card during synchronization.

Calendar sync options

Your phone can sync appointments and events with your calendar in Outlook (Outlook XP, Outlook 2003 or Outlook 2007) or Windows Calendar.

1. On the Device panel, click **Calendar**, and then click the **On** button. Turning Calendar sync on means you want this category included every time you sync your computer and phone.
2. Select the application you want to sync calendar events with.
3. Choose from which point you want to start synchronizing your calendar events.
4. In cases when conflicting information is found on both the phone and computer, choose which information you want to keep.

Only the calendar fields supported on your phone will be synchronized.

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People sync options

Sync your phone contacts with your Outlook (Outlook XP, Outlook 2003 or Outlook 2007), Outlook Express, or Windows Contacts.

If you have contacts to sync from your SIM card, you have to import these first to your phone storage.

1. On the Device panel, click **People**, and then click the **On** button. Turning People sync on means you want this category included every time you sync your computer and phone.
2. Choose the application you want to sync your contacts with.
3. In cases when conflicting information is found on both the phone and computer, choose which information you want to keep.

Only the contact fields supported on your phone will be synchronized.

Bookmarks sync options

Sync web browser bookmarks between your phone and computer.

If you are using Google Chrome or Firefox Internet browser and have selected it to sync with your phone, make sure to close all browser windows before you begin synchronization.

1. Using your favorite web browser on your computer, create a favorites folder named **HTC bookmarks**. Make sure to save your favorite bookmarks in this folder to be able to sync them with your phone.
2. On HTC Sync's Device panel, click **Bookmarks**, and then click the **On** button. Turning Bookmarks sync on means you want this category included every time you sync your computer and phone.
3. Choose the web browser that stores the bookmarks to sync with your phone.

When conflicting information is found on both the phone and computer, HTC Sync keeps the information from your computer.

Documents sync options

You can sync files and documents from your computer to your phone. You can also sync email attachments that you stored on your phone's storage card to your computer.

- To open a document on your phone, you'll need a compatible app. Usually, your phone can open and view these file types: Microsoft Office 2003 and 2007 Word (*.doc), Excel (*.xls), and PowerPoint (*.ppt), PDF files (*.pdf), text files (*.txt).
- To sync email attachments stored on your phone's storage card to your computer, you must set up an Exchange ActiveSync or POP3/IMAP email account from the Mail app on your phone.

1. On the Device panel, click **Documents**, and then click the **On** button. Turning Documents sync on means you want this category included every time you sync your computer and phone.

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2. To sync email attachments that you've stored on your phone's storage card, select **Copy all download Mail documents to PC**.
3. Select **Sync PC documents from**, and then click **Add**.
4. Choose a folder that contains the documents you want to sync on your phone, and then click **OK**.

Email attachments from your phone's storage card will be saved to the \My Documents\Device documents\ folder on your computer. Documents from your computer will be saved to the \My Documents\Device documents\ folder on your storage card.

Synchronizing your phone

Check the estimated usage bar beside the **Sync now** button for the estimated file size of new items to sync on your phone.

When there's not enough space left on your storage card, you'll see a warning icon and you won't be able to sync.

1. After selecting and customizing the categories you want to sync, click **Sync now**.
2. After synchronization is complete, click **Disconnect**.
3. Safely remove your phone as required by your computer's operating system.

The next time you connect your phone to your computer, synchronization automatically begins based on your sync settings.

Installing an app from your computer to your phone

If you have application files (*.apk) on your computer, you can use HTC Sync to install them to your phone. We strongly recommend you install only applications that you trust.

Before you begin, make sure that your phone is set to allow applications from your computer to be installed to your phone. To do this, press ☰ while on the Home screen, tap **Settings** > **Applications**, and then select the **Unknown sources** check box.

1. On the Device panel of HTC Sync, click **Overview.**
2. Click **Application installer**.
3. Browse for the application file on your computer, and then click **Open**. The installation process starts on your phone.
4. Check your phone's screen to see if there are additional instructions to complete the installation.
5. After installation is complete, you can click **Disconnect**.
6. Safely remove your phone as required by your computer's operating system.

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Synchronizing another phone with your computer

You can switch from one phone to another, if you have more than one device to sync.

1. Connect another phone to your computer, then set up HTC Sync to recognize this phone.
2. Click the phone you want to set up or begin synchronization. The Device panel then opens, where you can separately customize your sync settings for this phone.

To switch to another phone to sync, click **Devices**, and then click the phone's name or image.

Downloading the latest HTC Sync upgrade

Visit the HTC support website (www.htc.com/support/) from time to time to check for the most recent HTC Sync upgrade so you can download and install it on your computer.

After installing the latest upgrade, set up HTC Sync again to recognize and sync with your phone.

HTC Confidential

HTCSense.com

Signing up for your HTCSense.com account

You can sign up for your HTCSense.com account through your phone or your computer's web browser.

Signing up from your phone

1. From the Home screen, press ☰, and then tap **Settings** > **Accounts & sync**.
2. Tap **Add account** > **HTC Sense**.
3. Follow the onscreen instructions to sign up for your HTCSense.com account.

Signing up from your computer

Make sure you have your phone close by. You'll need it to complete the sign-up process.

1. On your computer, open your web browser.
2. Go to www.htcsense.com.
3. Follow the onscreen instructions to sign up for your HTCSense.com account.

After signing up to HTCSense.com on the Web, you have to sign in using the same account credentials on your phone.

Updating your HTCSense.com account details

1. On your computer, open your web browser and sign in to your HTCSense.com account.
2. On the upper-right corner, click **Account**.
3. Update your account details, and then click **Save Changes**.

Using HTCSense.com

Forgot your phone at home or you can't find it? Or worse, it slipped out of your pocket while riding the train. Use HTCSense.com to communicate with your phone so you can forward calls and messages to a different number, make your phone ring, lock your phone, and even erase the contents of your phone.

To use these features, you'll need to sign in to HTCSense.com on a computer web browser.

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Turning on Phone finder

Some features of HTCSense.com require that the Phone finder option on your phone is selected.

1. On your phone, from the Home screen, press ☰, and then tap **Settings**.
2. Tap **Location**.
3. Select the **Phone finder** check box.

Forwarding calls and messages

You can forward calls and messages to another phone if you don't have your phone with you.

On HTCSense.com, click the **Forward calls** and/or **Forward messages** On/Off switch.

Making your phone ring

You know your phone is somewhere in your home but you just can't find it. Make your phone ring, even if it's on mute, so you can find it. Hopefully, it's just buried under some clothes in the hamper.

On HTCSense.com, click **Ring**.

Locating your phone

Left your phone somewhere while doing your errands? You can use HTCSense.com to find the approximate location of your phone.

You must have the **Phone finder** option selected on your phone for this feature to work.

On HTCSense.com, check the map to see where your phone is. Click **Refresh location** to refresh the map.

Locking your phone

Lost your phone? Lock your phone and show a message onscreen so if somebody finds it, they can contact you.

1. On HTCSense.com, click **Lock phone**.
2. Enter a PIN, an alternate phone number to call if somebody finds your phone, and a short message to show onscreen.

The alternate number is shown on your phone's screen. If somebody happens to find your phone, that person can simply tap it to call that number using your phone.

3. Click **Save**.

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Erasing your phone contents

If there's no chance of getting your phone back, you can erase the contents of the phone and the installed storage card so no one sees sensitive information on your phone.

There's no way to recover your phone and storage card data after you erase the contents so be absolutely sure before you proceed.

1. On HTCSense.com, click **Erase phone**.
2. When asked to confirm, click **Erase phone**.

Deleting your HTCSense.com account

1. On your computer, open your web browser and sign in to your HTCSense.com account.
2. On the upper-right corner, click **Account**.
3. Click **Click here to delete your HTCSense account**.

Deleting your HTCSense.com account will also delete your data on HTCSense.com servers.

HTC Confidential

Keyboard

Using the onscreen keyboard

When you start an app or select a field that requires text or numbers, the onscreen keyboard becomes available. After entering your text, you can tap or press to close the onscreen keyboard.

Selecting a keyboard layout

You can choose from three different keyboard layouts to suit your typing style.

1. From the Home screen, press , and then tap **Settings** > **Language & keyboard** > **Touch Input**.
2. Tap **Keyboard types**, and then select the keyboard layout that you want to use. Choose one from the following:

QWERTY	This layout is similar to a desktop computer keyboard. This is the default keyboard layout.
Phone Keypad	This layout resembles the traditional mobile phone keypad.
Compact QWERTY	This layout features two letters on each key. The key size is slightly bigger than on the full QWERTY layout.

Entering text

Use the following keys while entering text using the onscreen keyboard:

a	Press and hold keys with gray characters at the top to enter numbers, symbols, or accented letters. The gray character displayed on the key is the character that will be inserted when you press and hold that key. Some keys have multiple characters or accents associated with them.
	Shift key. Tap to enter an uppercase letter. Tap twice to turn on caps lock.
12#	Tap to switch to the numeric and symbol keyboard.
	Enter key. Tap to create a new line.
	Backspace key. Tap to delete the previous character.
EN	**Language** key. The key you see depends on the keyboard language you are currently using. Tap to switch to another keyboard language. You can also access onscreen keyboard settings.

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XT9 ABC	Tap to toggle between Multitap and XT9 predictive modes when using the Compact QWERTY or Phone keypad layout.
	Tap to hide the onscreen keyboard.

Enabling multiple keyboard languages

If there are multiple keyboard languages available on your phone, you can choose which languages to enable in the onscreen keyboard so that you can switch to these languages and use them to enter text.

1. From the Home screen, press ☰, and then tap **Settings** > **Language & keyboard** > **Touch Input**.
2. Tap **International keyboard**.
3. Choose the languages you want.

Available languages depend on the region where you purchased the phone.

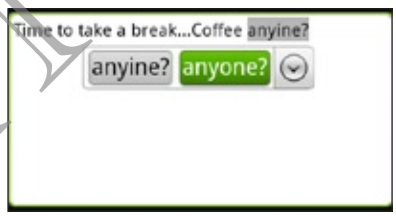
Changing to the landscape onscreen keyboard

When entering text, you can choose to use the landscape orientation of the onscreen keyboard. Turn your phone sideways to use a larger keyboard for easy typing.

- Select the **Auto-rotate screen** check box in ⌂ > ☰ > **Settings** > **Display** to allow the screen orientation to automatically change.
- The landscape orientation keyboard is not supported in all apps.

Entering words with predictive text

The onscreen keyboard has predictive text to help you type quickly and accurately. Predictive text input is enabled by default, and word suggestions are displayed as you type.



To enter a word in predictive mode, do any of the following:

- If you see the word you want highlighted in green or orange, just tap the space bar to insert the word into your text.
- If you see the word you want shown in the suggestions before you have finished typing the entire word, tap the word to insert it into your text.
- If an arrow is shown to the right of the suggestion list, tap the arrow to see more suggestions.

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Setting a second language for the keyboard

Aside from the keyboard language you are currently using, you can set the predictive text to be bilingual. As you type, you'll get word suggestions in two languages that you've selected.

1. From the Home screen, press ☰, and then tap **Settings** > **Language & keyboard** > **Touch Input**.
2. Tap **Bilingual prediction**, and then choose the language you want.

Adding a word to the predictive text dictionary

Your phone comes with a list of words that it references for predictive text suggestions. While entering text using the QWERTY keyboard layout, if you tap any word on the suggestion list, it is automatically added to the predictive text dictionary if it was not in the dictionary already.

You can also add a word to the list manually.

1. From the Home screen, press ☰, and then tap **Settings** > **Language & keyboard** > **Touch Input**.
2. Tap **Personal dictionary** > **Edit personal dictionary** > **Add new**.
3. Enter the word to add, and then tap **OK**.

Editing or deleting a word in the predictive text dictionary

You can edit or remove words that you previously added to the predictive text dictionary.

1. From the Home screen, press ☰, and then tap **Settings** > **Language & keyboard** > **Touch Input**.
2. Tap **Personal dictionary** > **Edit personal dictionary**.
   - To edit a word, tap the word itself.
   - To delete words from the dictionary, press ☰ and tap **Delete**. Then choose the words to remove and tap **OK**.

Backing up your personal dictionary to your storage card

You can use your storage card to back up the new words you've added to the predictive text dictionary.

1. From the Home screen, press ☰, and then tap **Settings** > **Language & keyboard** > **Touch Input**.
2. Tap **Personal dictionary** > **Sync personal dictionary** > **Copy to storage card**.
3. When prompted, tap **OK**.

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Importing your personal dictionary from your storage card

1. From the Home screen, press ☰, and then tap **Settings** > **Language & keyboard** > **Touch Input**.
2. Tap **Personal dictionary** > **Sync personal dictionary** > **Restore from storage card**.
3. When prompted, tap **OK**.

Entering text by speaking

No time to type? Try speaking the words to enter it in most text fields that let you use the onscreen keyboard.

- First make sure to select the language you'll be using in the **Voice input & output** settings. See "Setting the voice input language".
- Since your phone uses Google's speech-recognition service, you need to be connected to the Internet to enter text by speaking.

1. Press and hold the language key. Your phone cues you to speak.
2. Tell your phone what you want to be typed in.

Setting the voice input language

1. From the Home screen, press ☰, then tap **Settings** > **Voice input & output** > **Voice recognizer settings**.
2. Tap **Language**, then choose the language you want.

Available languages depend on the voice input languages supported by Google.

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Editing text

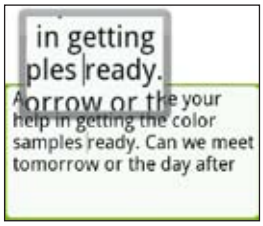
It's easy to cut, copy, and paste text using the keyboard.

Some apps may offer their own way of selecting or copying text.

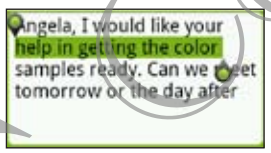
Selecting text

Highlight the text that you want to copy or cut.

1. Press and hold the text field that contains the text to select until the magnifier appears.



2. Drag your finger to move the text cursor to a letter within the text that you want to select.
3. After positioning the text cursor, lift your finger. The text selection menu then pops up.
4. Do one of the following:
   - Tap **Select word**. When the word where you've placed the text cursor is highlighted, drag the start and end markers to select the text you want.



   - Tap **Select all** to select everything in the text field.

Copying and pasting text

1. After you have selected the text you want to copy, tap **Copy** or **Cut**. The selected text is then copied to the clipboard.
2. Press and hold a text field in the same or other app until the magnifier appears.
3. Drag your finger to move the text cursor to where you want to paste the text.
4. After positioning the text cursor, lift your finger. The text selection menu then pops up.
5. Tap **Paste**.

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Adjusting input settings

Open the Touch Input settings by doing one of the following:

- On the onscreen keyboard, tap the language key (for example, tap EN if you're currently using the English onscreen keyboard). Then on the **International keyboard** options menu, tap **Settings**.
- From the Home screen, press ☰, and then tap **Settings** > **Language & keyboard** > **Touch Input**.

Keyboard types	Select the keyboard layout to use. You can choose from **QWERTY**, **Phone Keypad**, or **Compact QWERTY**.
International keyboard	Add or remove languages from the onscreen keyboard language list.
Bilingual prediction	Select a secondary keyboard language to use.
Text input	▪ Turn on or off predictive text, spell correction, and word completion. ▪ Enable audible or vibration feedback when typing. ▪ Calibrate the touch keyboard accuracy.
Tutorial	Learn how to use the onscreen keyboard with this interactive tutorial.
Personal dictionary	Add, edit or remove words in the predictive text dictionary.

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Internet connections

Data connection

Your phone will be automatically set up to use your mobile operator's data connection when you turn on your phone (if the SIM card is inserted) for the first time.

Checking the data connection you're using

1. From the Home screen, press ☰, and then tap **Settings** > **Wireless & networks**.
2. Tap **Mobile networks** > **Network operators** or **Access Point Names**.

Turning the data connection on or off

Turning your data connection off can help save battery life and save money on data charges. However, if you don't have data connection turned on and you're also not connected to a Wi-Fi network, you won't receive automatic updates to your email, social network accounts, and other synchronized information.

1. From the Home screen, press ☰, and then tap **Settings** > **Wireless & networks**.
2. Select the **Mobile network** check box to turn on the data connection; clear the check box to turn off the data connection.

Adding a new access point

Before you add another data connection on your phone, have the access point name and settings (including username and password if required) from your mobile operator ready.

1. From the Home screen, press ☰, and then tap **Settings** > **Wireless & networks**.
2. Tap **Mobile networks** > **Access Point Names**.
3. On the APNs screen, press ☰ and then tap **New APN**.
4. On the Edit access point screen, enter the APN settings. Tap an APN setting item to edit it.
5. Press ☰ and then tap **Save**.

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Enabling data roaming

Connect to your mobile operator's partner networks and access data services when you're out of your mobile operator's coverage area.

> Using data services while roaming will be costly. Check with your mobile operator for data roaming rates before you use data roaming.

1. From the Home screen, press ☰, and then tap **Settings** > **Wireless & networks**.
2. Tap **Mobile networks**, and then select the **Data roaming** check box.

Select the **Data roaming sound** check box if you'd like your phone to play a sound so you'll know when it's connecting to a roaming network.

Wi-Fi

To use Wi-Fi on your phone, you need access to a wireless access point or "hotspot". The availability and strength of the Wi-Fi signal will vary depending on objects, such as buildings or simply a wall between rooms, the Wi-Fi signal has to pass through.

Turning Wi-Fi on and connecting to a wireless network

1. From the Home screen, press ☰, and then tap **Settings** > **Wireless & networks.**
2. Select the **Wi-Fi** check box to turn Wi-Fi on. The phone then scans for available wireless networks.
3. Tap **Wi-Fi settings**. The network names and security settings of detected Wi-Fi networks are displayed in the Wi-Fi networks section.
4. If the wireless network you want to connect to is not in the list of detected networks, scroll down the screen, and then tap **Add Wi-Fi network**. Enter the wireless network settings, and then tap **Save**.
5. Tap the Wi-Fi network you want to connect to. If you selected an open network, you will be automatically connected to the network.
6. If you selected a network that is secured with WEP, enter the key and then tap **Connect**.

When your phone is connected to the wireless network, the Wi-Fi icon appears in the status bar and tells you the approximate signal strength (number of bands that light up).

The next time your phone connects to a previously accessed secured wireless network, you won't be asked to enter the key or other security information again, unless you reset your phone to its factory default settings.

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Connecting to a Wi-Fi network with EAP-TLS security

You may need to install a network certificate (*.p12) to your phone before you can connect to a Wi-Fi network with EAP-TLS authentication protocol.

1. Save the certificate file to the root folder of the storage card.
2. From the Home screen, press ☰, and then tap **Settings** > **Security**.
3. Tap **Install from SD card**.
4. Select the network certificate needed to connect to the EAP-TLS network.
5. Follow the steps in Turning Wi-Fi on and connecting to a wireless network on page 169 to connect to the Wi-Fi network.

Checking the wireless network status

1. From the Home screen, press ☰, and then tap **Settings** > **Wireless & networks**.
2. On the Wireless & networks screen, tap **Wi-Fi settings**, and then tap the wireless network that the phone is currently connected to.

A message box is then displayed showing the Wi-Fi network name, status, speed, signal strength, and more.

If you want to remove the settings for this network from your phone, tap **Forget**. If you want to reconnect to a wireless network that you have removed, you'll need to choose the wireless network from the list of available Wi-Fi networks again. If it is a secured wireless network, you'll need to enter the wireless network credentials again.

Connecting to another Wi-Fi network

1. From the Home screen, press ☰, and then tap **Settings** > **Wireless & networks**.
2. Tap **Wi-Fi settings**. Detected Wi-Fi networks are displayed in the Wi-Fi networks section.
3. To manually scan for available Wi-Fi networks, on the Wi-Fi screen, press ☰, and then tap **Scan**.
4. Tap another Wi-Fi network to connect to it.

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About connection widgets

Add the Mobile Network and Wi-Fi widgets or the Data dashboard widget to the Home screen to make it faster for you to turn on or off these connections. Tap the widget or icon on the dashboard to turn on or off the connection.

Connecting to a virtual private network (VPN)

Add, set up, and manage virtual private networks (VPNs) so you can connect and access resources inside a secured local network, such as your corporate network.

Depending on the type of VPN you're using at work, you may be asked to enter your login credentials and install security certificates before you can connect to your company's local network. You can get this information from your network administrator.

Also, your phone must first establish a Wi-Fi or data connection before you can start a VPN connection.

Setting up secure credential storage

If your network administrator tells you to download and install security certificates, you must first set up the phone's secure credential storage.

1. From the Home screen, press ☰, and then tap **Settings** > **Security**.
2. Tap **Set password**.
3. Enter a new password for the credential storage.
4. Scroll down and confirm the password, and then tap **OK**.
5. Select the **Use secure credentials** check box.

You can then download and install the certificates needed to access your local network. Your network administrator can tell you how to do this.

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Adding a VPN connection

1. From the Home screen, press ☰, and then tap **Settings** > **Wireless & networks**.
2. Tap **VPN settings** > **Add VPN**, and then tap the type of VPN you want to add.
3. Tap the VPN settings and set them up according to the security details your network administrator gave you.
4. Press ☰, and then tap **Save**.

The VPN is then added to the VPNs section of the VPN settings screen.

Connecting to a VPN

1. From the Home screen, press ☰, and then tap **Settings** > **Wireless & networks**.
2. Tap **VPN settings**.
3. In the VPNs section, tap the VPN that you want to connect to.
4. When asked, enter your log in credentials, and then tap **Connect**. When you're connected, the VPN connected icon appears in the notification area of the title bar.

You can then open the web browser to access resources such as your corporate network intranet.

Disconnecting from a VPN

1. Press and hold the title bar, and then slide down your finger to open the Notifications panel.
2. Tap the VPN connection to return to the VPN settings screen, and then tap the VPN connection to disconnect from it.

When your phone has disconnected from the VPN, the VPN disconnected icon is displayed in the notification area of the title bar.

Using your phone as a modem (USB tethering)

No Internet connection available for your computer? No problem. Use your phone's data connection to connect to the Internet using your computer.

You need your SIM card inserted on your phone to use the data connection.

Before you can use your phone as a modem, be sure to install HTC Sync on your computer first.

1. Make sure your phone's data connection is turned on.
2. Connect the phone to the computer using the provided USB cable.
3. On the Connect to PC screen, select **USB tethering**, and then tap **Done**.

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Connecting your phone to the Internet through a computer (Internet Pass-through)

If you don't have a data plan for your phone or you don't have access to a Wi-Fi network, you can still go online on your phone by using your computer's Internet connection.

Before you can use your computer as a modem, be sure to install HTC Sync on your computer first.

1. Make sure your computer is connected to the Internet.

Two things to check for your computer's Internet connection. One, we recommend that you turn off your local network's firewall. Two, if your computer connects to the Internet via PPP (e.g. Dial UP, xDSL, or VPN), Internet Pass-through will only support TCP protocol.

2. Connect the phone to the computer using the provided USB cable.
3. On the Connect to PC screen, select **Internet pass-through**, and then tap **Done**.

Using your phone as a wireless router

Share your data connection with other devices by turning your phone into a wireless router.

Make sure your phone's data connection is turned on before you use it as a wireless router.

1. From the Home screen, press , and then tap **Settings** > **Wireless & networks**.
2. Tap **Portable Wi-Fi hotspot settings**.
3. Enter a router name or use the default router name.
4. Choose the type of Security and set the password (key) for your wireless router. If you selected **None** in Security, you don't need to enter a password.

The password is the key other people need to enter on their device so they can connect and use your phone as a wireless router.

5. Select the **Portable Wi-Fi hotspot** check box to turn on your phone's wireless router.

Your phone is ready to be used as a wireless router when you see on the status bar.

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Bluetooth

Bluetooth basics

Turning Bluetooth on or off

1. From the Home screen, press ☰, and then tap **Settings** > **Wireless & networks**.
2. Select or clear the **Bluetooth** check box.

An even easier way to turn Bluetooth on or off is with the Bluetooth widget on the Home screen.

Turn off Bluetooth when not in use to save battery power, or in places where using a wireless device is prohibited, such as on board an aircraft and in hospitals.

Changing the phone name

The phone name identifies your phone to other devices.

1. From the Home screen, press ☰, and then tap **Settings** > **Wireless & networks**.
2. Tap **Bluetooth settings**.
3. If the **Bluetooth** check box is not selected, select it to turn Bluetooth on.
4. Tap **Device name**.
5. Enter the name for your phone in the dialog box, and then tap **OK**.

Connecting a Bluetooth headset or car kit

You can listen to music over a Bluetooth stereo headset, or have hands-free conversations using a compatible Bluetooth headset or car kit. It's the same procedure to set up stereo audio and hands-free.

- For you to listen to music with your headset or car kit, the headset or car kit must support the A2DP Bluetooth profile.
- Before you connect your headset, you need to make it discoverable so your phone can find it. You can find out how to do this by referring to your headset manual.

1. From the Home screen, press ☰, and then tap **Settings** > **Wireless & networks**.
2. Tap **Bluetooth settings**.
3. If the **Bluetooth** check box is not selected, select it to turn Bluetooth on.
4. Make sure that the headset is discoverable.
5. Tap **Scan for devices**. Your phone will start to scan for Bluetooth devices within range.

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6. When you see the name of your headset displayed in the Bluetooth devices section, tap the name. Your phone then automatically tries to pair with the headset.
7. If automatic pairing fails, enter the passcode supplied with your headset.

The pairing and connection status is displayed below the hands-free headset or car kit name in the Bluetooth devices section. When the Bluetooth headset or car kit is connected to your phone, the Bluetooth connected icon is displayed in the status bar. Depending on the type of headset or car kit you have connected, you can then start using the headset or car kit to listen to music and/or make and receive phone calls.

Reconnecting a headset or car kit

Normally, you can easily reconnect your headset by switching on Bluetooth on your phone, and then turning on the headset. However, you might have to connect manually if your headset has been used with another Bluetooth device.

1. From the Home screen, press , and then tap **Settings** > **Wireless & networks**.
2. Tap **Bluetooth settings**.
3. If the **Bluetooth** check box is not selected, select it to turn Bluetooth on.
4. Make sure that the headset is discoverable.
5. Tap the headset's name in the Bluetooth devices section.
6. If prompted to enter a passcode, try 0000 or 1234, or consult the headset/car kit documentation to find the passcode.

If you still cannot reconnect to the headset or car kit, follow the instructions in Unpairing from a Bluetooth device on page 176, and then follow the steps under Connecting a Bluetooth headset or car kit on page 174.

Disconnecting or unpairing from a Bluetooth device

Disconnecting a Bluetooth device

1. From the Home screen, press , and then tap **Settings** > **Wireless & networks**.
2. Tap **Bluetooth settings**.
3. In the Bluetooth devices section, press and hold the device to disconnect.
4. Tap **Disconnect**.

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Unpairing from a Bluetooth device

You can make your phone forget its pairing connection with another Bluetooth device. To connect to the other device again, you may need to enter or confirm a passcode again.

1. From the Home screen, press ☰, and then tap **Settings** > **Wireless & networks**.
2. Tap **Bluetooth settings**.
3. In the Bluetooth devices section, press and hold the device to unpair.
4. Tap **Disconnect & unpair**, or tap **Unpair** if the Bluetooth device is currently not connected to your phone.

Sending information using Bluetooth

You can use Bluetooth to send information from your phone to another Bluetooth enabled device such as a phone or notebook computer. You can send the following types of information, depending on the device you are sending to:

- Images and videos
- Calendar events
- Contacts
- Audio files

Before you begin, set the receiving device to discoverable mode. You may also need to set it to "Receive Beams" or "Receive Files". Refer to the device's documentation for instructions on receiving information over Bluetooth.

1. On your phone, open the app that contains the information or file you want to send.
2. Follow the steps for the type of item you want to send:

Captured photo or video	After capturing, on the Camera preview screen, tap , and then tap **Bluetooth**.
Photos or videos	1. On the Albums tab of the Gallery app, choose an album. 2. Tap , and then tap **Bluetooth**. 3. Choose the photos and videos you want to share, and then tap **Next**.
Contact	1. On the All tab of the People app, press and hold a contact, and then tap **Send contact as vCard**. 2. Tap the down arrow icon, and then select **Bluetooth** from the displayed list. 3. Tap **Send**.
Calendar appointment or event	In Day view, Agenda view, or Week view, press and hold the event, and then tap **Share vCalendar** > **Bluetooth**.
Music track	With the track displayed on the Music app's Now playing screen, press ☰, and then tap **Share** > **Bluetooth**.
Voice recording	On the main Voice Recorder screen, tap , and then tap **Bluetooth**.

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3. Turn on Bluetooth if you're asked to do so.
4. If you haven't paired with the receiving device before, tap **Scan for devices**.
5. Tap the name of the receiving device.
6. If prompted, accept the pairing request on your phone and the receiving device.

   Also enter the same passcode on both your phone and the other device, or confirm the auto-generated passcode.
7. On the receiving device, accept the file.

Where sent information is saved

When you send information from your phone using Bluetooth, the location where it's saved depends on the type of information and the receiving device.

If you send a calendar event or contact, it is normally added directly to the corresponding application on the receiving device. For example, if you send a calendar event to a compatible phone, the event is shown in that phone's calendar application.

If you send another file type to a Windows computer, it is normally saved in the Bluetooth Exchange folder within your personal document folders.

- On Windows XP, the path may be: C:\Documents and Settings\[your username]\My Documents\Bluetooth Exchange
- On Windows Vista, the path may be: C:\Users\[your username]\Documents
- On Windows 7, the path may be: C:\Users\[your username]\My Documents\Bluetooth Exchange Folder

If you send a file to another device, the saved location may depend on the file type. For example, if you send an image file to another mobile phone, it may be saved in a folder named "Images."

Receiving information using Bluetooth

Your phone is capable of receiving a wide variety of file types with Bluetooth, including photos, music tracks, and documents such as PDFs.

To receive files using Bluetooth, you need to have a storage card on your phone.

The first time you transfer information between your phone and another device, you need to enter or confirm a security passcode. After that, your phone and the other device are paired, and you will not need to exchange passcodes to transfer information in the future.

1. From the Home screen, press ☰, and then tap **Settings** > **Wireless & networks**.
2. Tap **Bluetooth settings**.
3. If the **Bluetooth** check box is not selected, select it to turn Bluetooth on.
4. Select the **Discoverable** check box.
5. On the sending device, send one or more files to your phone. Refer to the device's documentation for instructions on sending information over Bluetooth.

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6. If asked, accept the pairing request on your phone and the receiving device.

   Also enter the same passcode on both your phone and the other device, or confirm the auto-generated passcode.

   A Bluetooth authorization request is then displayed on your phone.

7. If you want to automatically receive files from the sending device in future, select the **Always** check box.

8. Tap **Accept** or **OK**.

9. When your phone receives a file transfer request notification, slide down the Notifications panel, tap the incoming file notification, and then tap **Accept**.

10. When a file is transferred, a notification is displayed. To open the file immediately, slide down the Notifications panel, and then tap the relevant notification.

    When you open a received file, what happens next depends on the file type:

    - Media files and documents are usually opened directly in a compatible app. For example, if you open a music track, it starts playing in the Music app.
    - For a vCalendar file, choose the calendar where you want to save the event, and then tap **Import**. The vCalendar is added to your Calendar events.
    - For a vCard contact file, if there are multiple vCard files on your storage card, you can choose to import one, several, or all of those contacts to your contacts list.

Adding the Bluetooth received folder to the Home screen

You can add a folder to the Home screen that shows all files you have received with Bluetooth.

1. From the Home screen, tap .
2. On the Personalize screen, tap **Folder** > **Bluetooth received**.
3. Press and hold the Bluetooth received folder icon, and drag it to the Home screen position you want.

To view the folder contents, tap the folder icon. To open a file, tap the file name.

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Security

Protecting your SIM card with a PIN

Add another layer of security for your phone by assigning a PIN (personal identification number) to your SIM.

Make sure you have the default SIM PIN provided by your mobile operator before continuing.

1. From the Home screen, press ☰, and then tap **Settings** > **Security**.
2. Tap **Set up SIM card lock**, then select **Lock SIM card**.
3. Enter the default SIM card PIN, and then tap **OK**.
4. To change the SIM card PIN, tap **Change SIM PIN**.

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

Restoring 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 PUK code to restore access to the phone. This code may have been provided by your mobile operator when you received your SIM card.

1. On the Phone dialer screen, enter the PUK code, and then tap **Next**.
2. Enter the new PIN you want to use, and then tap **Next**.
3. Enter the new PIN again, and then tap **Next**.

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Protecting your phone with a screen lock pattern, PIN or password

Protect your personal information and prevent others from using your phone without your permission by setting a screen lock pattern, PIN or password.

Your screen lock will be asked every time your phone is turned on or when it's idle for a certain period of time.

1. From the Home screen, press ☰, and then tap **Settings** > **Security**.
2. Tap **Set up screen lock**.
3. Tap one of the following:

None	Disable the screen lock you've previously created.
Pattern	Set a screen lock pattern by following the onscreen instructions.
PIN	Set a numeric password of at least four digits.
Password	Set an alpha-numeric password.

4. On the Security screen, tap Lock phone after, then specify the idle time you can allow before the screen is locked.

You can also clear the **Use visible pattern** or **Visible passwords** on the Security screen if you don't want your screen lock to display as you enter it onscreen.

Changing your screen lock

1. From the Home screen, press ☰, and then tap **Settings** > **Security**.
2. Tap **Change screen lock**.
3. Enter your current screen lock to confirm that you want to change it.
4. Choose a different screen lock type, then enter your new pattern, PIN, or password. Or tap **None** if you don't want to use a screen lock.

Forgot your screen lock pattern?

If you've forgotten your screen lock pattern, you have up to five attempts to try and unlock your phone.

If this fails, you can unlock your phone by entering your Google Account user name and password.

1. On the unlock screen, enter your lock pattern.
2. After the fifth attempt, when you're asked to wait for 30 seconds, tap **OK**.
3. If the display goes off, press the POWER button to turn the display back on, and then press the bar on the lock screen and slide your finger down to unlock the screen.
4. Tap the **Forgot pattern?** button in the lower right corner when it appears.
5. Enter your Google Account name and password, and then tap **Sign in**. You'll then be asked to create a new screen lock pattern. If you no longer want to do so, tap **Cancel**.

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Settings

Settings on your phone

Control and customize phone settings on the Settings screen.

From the Home screen, press ☰, and then tap **Settings**.

Personalize	Make your phone truly yours with the various personalization options available.
Wireless & networks	Set up your phone's wireless connections, such as Wi-Fi, data connection, and Bluetooth, enable Airplane mode, and more.
Call	Set up call services such as voicemail, call forwarding, call waiting, and caller ID.
Sound	▪ Choose sounds to use for your phone ringtone and notifications. ▪ Adjust media playback volume. ▪ Set to lower the ring volume when you move the phone when it's ringing, make the phone ring louder when inside a bag or pocket, and turn on the speakerphone when you flip over the phone.
Display	Set up display settings such as automatic screen orientation, brightness, screen timeout, and more.
Accounts & sync	Log in or out of your social network accounts, Google Account, Exchange ActiveSync account, and HTCSense.com account. You can also manage synchronization and other settings for your accounts.
Location	Select the sources to use when determining your location. Select **Phone finder** so you can use HTCSense.com to locate your phone.
Search	Select items to include when you do a search on your phone and set Google search options.
Privacy	Choose to automatically back up some settings on the phone (e.g. Wi-Fi passwords or Bookmarks) to Google servers using your Google Account so you can restore them when needed.
Connect to PC	▪ Set the default USB connection type to use whenever you connect your phone to your computer. ▪ Or, select the **Ask me** check box to set your phone to always display the screen for selecting the USB connection type.
Security	Set a screen lock, enable the SIM card lock, or manage the phone's credential storage.
Dock	If you purchased the car kit, choose the behavior when you mount your phone to the car kit.
Power	Turn on power saver to automatically switch to power saving mode when the battery level goes down to the level that you set.
Applications	Manage running applications, move applications to or from the storage card, and install or uninstall programs.

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SD & phone storage	▪ Check the available storage card and phone memory. ▪ From this screen, be sure to unmount your storage card before you remove it from your phone. ▪ You can also do a factory reset.
Date & time	Set the date and time, time zone, and date or time format.
Language & keyboard	Set the operating system language and region. You can also set onscreen keyboard options.
Accessibility	Use these settings when you've downloaded and installed an accessibility tool, such as a screen reader that provides voice feedback. You can turn accessibility functions or services on or off.
Voice input & output	Set up the voice input options of your phone. Also, if you've installed a text-to-speech (voice data) application, use this to set the text-to-speech settings.
About phone	▪ Turn on or off scheduled checks for system software updates, or manually check for updates. ▪ Turn **Tell HTC** on or off. When enabled, you're helping us know if your phone encounters a technical problem. ▪ View different information about your phone, such as the mobile network type, signal strength, battery level, and more.

Changing display settings

Adjusting the screen brightness manually

1. From the Home screen, press ☰, and then tap **Settings**.
2. Tap **Display** > **Brightness**.
3. Clear the **Automatic brightness** check box.
4. Drag the brightness slider to the left to decrease or to the right to increase the screen brightness.
5. Tap **OK**.

Adjusting 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. From the Home screen, press ☰, and then tap **Settings**.
2. Tap **Display** > **Screen timeout**.
3. Tap the time before the screen turns off.

Turning automatic screen rotation off

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

Automatic rotation is not supported in all application screens.

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1. From the Home screen, press ☰, and then tap **Settings**.
2. Tap **Display**.
3. Clear the **Auto-rotate screen** check box.

Recalibrating the G-sensor

Recalibrate the screen if you feel that the screen orientation does not respond properly to the way you hold the phone.

1. From the Home screen, press ☰, and then tap **Settings**.
2. Tap **Display** > **G-Sensor calibration**.
3. Place the phone on a flat and level surface, and then tap **Calibrate**.
4. After the recalibration process, tap **OK**.

Keeping the screen on while charging the phone

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

1. From the Home screen, press ☰, and then tap **Settings**.
2. Tap **Applications** > **Development**.
3. Select the **Stay awake** check box.

Switching animation effects on or off

You can turn off the animation or enable only some animations when switching between screens.

1. From the Home screen, press ☰, and then tap **Settings**.
2. Tap **Display** > **Animation**.
3. On the options menu, select the animation setting you want.

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Changing sound settings

Switching between silent, vibration, and normal modes

Do one of the following:

- To change back from silent to normal mode, simply press the VOLUME UP button.
- To change back from vibration to normal mode, press the VOLUME UP button twice.
- From the Home screen, press ☰, and then tap **Settings** > **Sound** > **Sound profile**.

Add the Profile widget to your Home screen to quickly switch between modes.

Enabling or disabling audible selection

You can choose to play a sound when you're selecting items onscreen.

1. From the Home screen, press ☰, and then tap **Settings**.
2. Tap **Sound**.
3. Select the **Audible selection** check box.

Lowering the ring volume automatically

Your phone has a quiet ring feature that automatically lowers the ring volume when you move your phone.

1. From the Home screen, press ☰, and then tap **Settings**.
2. Tap **Sound**.
3. Select or clear the **Quiet ring on pickup** check box.

Making your phone ring louder with Pocket mode

To help avoid missing incoming calls when your phone is in your pocket or bag, the pocket mode feature gradually increases the ring volume and vibrates when you receive a call. When not in your pocket or bag, the phone will ring at the normal volume you set.

1. From the Home screen, press ☰, and then tap **Settings**.
2. Tap **Sound**.
3. Select or clear the **Pocket mode** check box.

Switching to speakerphone automatically

You can switch to speakerphone by simply flipping over your phone.

1. From the Home screen, press ☰, and then tap **Settings**.

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2. Tap **Sound**.
3. Select or clear the **Flip for speaker** check box.

Changing the phone language

When you turn your phone on for the first time, you're asked to choose the language you want to use for your phone. If you want, you can still change the phone language after you set up your phone. Changing the language adjusts the keyboard layout, date and time formatting, and more.

The languages available to choose from may depend on the version of phone you have.

1. From the Home screen, press ☰, and then tap **Settings**.
2. Tap **Language & keyboard** > **Select language**.
3. Tap the language and corresponding region you want to use.
4. Press ⌂ to return to the Home screen. The new language will be applied after a few seconds.

Optimizing your phone's battery life

You can set the phone to automatically switch to power saving mode when the battery level reaches a certain level.

1. From the Home screen, press ☰, and then tap **Settings**.
2. Tap **Power**.
3. Select the **Enable power saver** check box.
4. Tap **Turn power saver on at**, and then select when to switch to power saver mode.
5. Tap **Power saver settings**, and then set and select the phone behavior when the phone switches to power saving mode.

Using the GSM network of your mobile operator

Switch to using the GSM network of your mobile operator if you're not using a data connection to connect to the Internet. Connecting to your mobile operator's GSM network consumes less battery power.

1. From the Home screen, press ☰, and then tap **Settings**.
2. Tap **Wireless & networks** > **Mobile networks** > **Network Mode**.
3. Tap **GSM only**.

Checking the power usage of applications

1. From the Home screen, press ☰, and then tap **Settings**.
2. Tap **About phone** > **Battery** > **Battery use**.

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Managing memory

Checking how much phone memory is available for use

1. From the Home screen, press ☰, and then tap **Settings**.
2. Tap **SD & phone storage**. The available phone memory is displayed in the Internal phone storage section.

Checking the available storage card space

1. From the Home screen, press ☰, and then tap **Settings**.
2. Tap **SD & phone storage**. The total and available storage card space is displayed in the **SD card** section.

Clearing application cache and data

1. From the Home screen, press ☰, and then tap **Settings**.
2. Tap **Applications** > **Manage applications**.
3. On the All tab, tap an application.
4. On the screen, tap **Clear data** and/or **Clear cache**.

Uninstalling third-party applications

You cannot uninstall applications that are preinstalled on the phone.

1. From the Home screen, press ☰, and then tap **Settings**.
2. Tap **Applications** > **Manage applications**.
3. On the Downloaded tab, tap the application you want to uninstall.
4. Tap **Uninstall**.

Moving applications to or from the storage card

Move applications that you've downloaded to the phone to the storage card if your phone's memory is getting low. Or, if your storage card is getting full, you can also move applications that are on your storage card to the phone.

> You can only move applications that are not preinstalled on your phone.

1. From the Home screen, press ☰, and then tap **Settings**.
2. Tap **Applications** > **Manage applications**.
3. On the **Downloaded** tab, tap the application you want to move.
4. Tap **Move to SD** card or **Move to phone**.

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Checking information about your phone

1. From the Home screen, press ☰, and then tap **Settings**.
2. Tap **About phone**.
3. Select one of the following:

Software updates	Enable or disable the automatic check feature for software updates for your phone. You can also tap Check now to manually check for software updates.
Tell HTC	Turn Tell HTC on or off. When enabled, you're helping us know if your phone encounters a technical problem. You can also choose when you want to send error reports.
Network	Check information about your mobile operator and its service status.
Phone identity	Check information about your phone and the SIM card you're using.
Battery	Check information about the battery such as its current battery level, status, and what programs are using the battery.
Hardware information	Check the Wi-Fi MAC and Bluetooth addresses.
Software information	Check the version and other information about the Android platform being used by the phone. You can also check the version of the web browser.
Legal information	Read legal information from HTC and Google, and licenses used by the phone.

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Update and reset

Phone software updates

From time to time, software updates for your phone may be available. Your phone can check and then notify you if there's a new update. You can then download and install the software update using your phone's Wi-Fi or data connection. You can also manually check if there's an available software update for your phone.

Depending on the type of update, the update may erase all your personal data and customized settings, and also remove any applications you've installed. Make sure that you've backed up the information and files you want to keep.

Checking and downloading phone software updates may incur additional data transfer fees from your mobile operator.

Installing a phone system software update

Make sure your phone has a storage card inserted. The update will be downloaded to the storage card.

1. Do any of the following after your phone receives a software update:
   - If the phone display is on and you're not using any application, the **Install system software update** dialog box appears on screen. Select **Install now**, and then tap **OK**.
   - If you're in a call, the update notification icon appears in the status bar. After the call, slide open the Notifications panel, and then tap the update notification.
2. Wait for the update to download and install on your phone. When the update is finished, the phone will automatically restart.

Checking for phone system software updates manually

1. From the Home screen, press ☰, and then tap **Settings**.
2. Tap **About phone** > **Software updates** > **Check now**.

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Restarting your phone

If your phone is running slower than normal, an application is not performing properly, or your phone becomes unresponsive, try restarting your phone and see if that helps solve the problem.

1. If the display is off, press the POWER button to turn it back on.
2. Unlock the phone display.
3. Press and hold the POWER button, and then tap **Restart**.
4. When asked to confirm, tap **Restart**.

If these steps don't work, you can remove and replace the battery, and then turn the phone on to restart it.

Resetting your phone

Do a factory reset to return your phone to its original state before the first time you turned it on.

If you're passing your phone on to someone else or your phone has a persistent problem that cannot be solved, you can perform a factory reset (also called a hard reset). Factory reset is not a step to be taken lightly. It'll permanently delete all your data and customized settings, and will remove any applications you've downloaded and installed. Be sure to back up any data and files you want to keep before you do a factory reset.

Performing a factory reset via settings

The most convenient way to do a factory reset is via the phone settings.

1. From the Home screen, press ☰, and then tap **Settings.**
2. Tap **SD & phone storage** > **Factory data reset**.
3. Tap **Reset phone**, and then tap **Erase everything**.

Performing a factory reset using the phone buttons

If you can't turn on your phone or access the phone settings, you can still perform a factory reset by using the buttons on the phone.

1. Remove the battery, wait for a few seconds, then reinsert the battery.
2. Press and hold the VOLUME DOWN button, and then briefly press the POWER button.
3. Wait for the screen with the three Android images to appear, and then release the VOLUME DOWN button.
4. Press VOLUME DOWN to select **FACTORY RESET**, and then press the POWER button.

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