

If more than one keyboard is turned on, tap  to switch keyboards when you're typing. When you tap the symbol, the name of the newly active keyboard appears briefly.

## Resetting iPhone Settings

### Reset all settings

- Choose General > Reset and tap Reset All Settings.

All your preferences and settings are reset. Information, such as your contacts and calendars, and media, such as your songs and videos, are not deleted.

### Erase all content and settings

- Choose General > Reset and tap "Erase All Content and Settings."

All your information and media are deleted. You must sync iPhone with your computer to restore contacts, songs, videos, and other information and media.

### Reset the keyboard dictionary

- Choose General > Reset and tap Reset Keyboard Dictionary.

You add words to the keyboard dictionary by rejecting words iPhone suggests as you type. Tap a word to reject the correction and add the word to the keyboard dictionary. Resetting the keyboard dictionary erases all words you've added.

### Reset Network Settings

- Choose General > Reset and tap Reset Network Settings.

### Reset the Home screen layout

- Choose General > Reset and tap Reset Home Screen Layout.

## Mail

Use Mail settings to customize your email account for iPhone. Changes you make to email accounts settings are *not* synced to your computer, allowing you to configure email to work with iPhone without affecting email account settings on your computer.

## Account Settings

The specific accounts settings that appear on iPhone depend on the type of account you have—POP or IMAP.

**Note:** Microsoft Outlook 2003 or 2007 email accounts must be configured for IMAP in order to work with iPhone.

### Stop using an account

- Choose Mail, choose an account, then turn Account off.

If an account is off, iPhone doesn't display the account and doesn't send or check email from that account, until you turn it back on.

### Turn VPN on or off

Once you've entered VPN settings, a VPN switch appears at the top level of the Settings list.

- Tap Settings and turn VPN on or off.

### Wi-Fi

See "Wi-Fi" on page 92.

### Data Roaming

Data Roaming turns on Internet and visual voicemail access over a cellular network when you're in an area not covered by your carrier's network. For example, when you're traveling, you can turn off Data Roaming to avoid potential roaming charges. By default, Data Roaming is turned off.

- Choose General > Network and turn Data Roaming on or off.

### Bluetooth

iPhone can connect wirelessly to Bluetooth headsets and car kits for hands-free talking. See "Using iPhone with a Bluetooth Headset or Car Kit" on page 41 for more information.

### Turn Bluetooth on or off

- Choose General > Network and turn Bluetooth on or off.

### Keyboard

#### Turn Auto-Capitalization on or off

By default, iPhone automatically capitalizes words after you type sentence-ending punctuation or a return character.

- Choose General > Keyboard and turn Auto-Capitalization on or off.

#### Set whether Caps Lock is enabled

If Caps Lock is enabled and you double-tap the Shift ⇧ key on the keyboard, all letters you type are uppercase. The Shift key turns blue when Caps Lock is on.

- Choose General > Keyboard and turn Enable Caps Lock on or off.

#### Turn "." shortcut on or off

The "." shortcut lets you double-tap the space bar to enter a period followed by a space when you're typing. It is on by default.

- Choose General > Keyboard and turn "." Shortcut on or off.

#### Turn international keyboards on or off

You can change the language for your keyboard on iPhone, or make two or more keyboards available.


- Choose General > Keyboards > International Keyboards and turn on the keyboards you want.

### **Follow a link in a message**

- Tap the link.

Tap a web address to open a webpage in Safari, a phone number to make a call, an email address to open a preaddressed email in Mail, or a street address to see a map in Maps. To return to your text messages, press the Home button and tap Text.

### **Add information in a link to a contact, or see the contact information of the person associated with the link**

- Tap  next to the message.

### **Add someone you've texted to your contacts list**

- Tap a phone number in the Text Messages list, then tap "Add to Contacts."

### **Set whether iPhone makes an alert sound when you get a text message**

- From the Home screen choose Settings > Sounds, then turn New Text Message on or off.

If the Ring/Silent switch is off, iPhone won't make alert sounds even if they're turned on in Settings.

## **Calendar**



### **Adding Calendar Events to iPhone**

If you've set iTunes to sync calendars, you can enter appointments and events on your computer and sync them with iPhone. You can also enter appointments and events directly on iPhone.

### **Entering Calendar Events on Your Computer**

You can enter appointments and events in iCal and Microsoft Entourage on a Mac, or in Microsoft Outlook 2003 or 2007 on a PC.

### **Syncing Calendars**

#### **Sync calendars between iPhone and your computer**

- Connect iPhone to your computer. If iPhone is set to sync calendars automatically (see page 8), the update begins.

## Adding and Editing Calendar Events Directly on iPhone

### Add an event

- Tap **+** and enter event information. Then tap Done.

You can enter any of the following:

- Title
- Location
- Starting and ending times (or turn on All-day if it's an all-day event)
- Repeat times—none, or every day, week, two weeks, month, or year
- Alert time—from five minutes to two days before the event

If you set an alert time, iPhone gives you the option to set a second alert time, in case you miss the first one. When the alert goes off, iPhone plays a sound (if the Ring/Silent switch is set to ring) and displays a reminder message.

**Note:** Some carriers do not support network time in all locations. If you're traveling, iPhone may not sound your alert at the correct local time. To manually set iPhone to the correct time, see page 96.

- Notes

### Set iPhone to make a sound when you get a calendar alert

- From the Home screen choose Settings > Sounds, then turn Calendar Alerts on.

If Calendar Alerts is off, iPhone displays a message but makes no sound when you get a calendar alert.

### Edit an event

- Tap the event and tap Edit.

### Delete an event

- Tap the event, tap Edit, then scroll down and tap Delete Event.

## Viewing Your Calendar

### View your calendar

- Tap Calendar.

### Switch views

- Tap List, Day, or Month.
  - *List view:* All your appointments and events appear in an easy-to-scan list. Scroll up or down to see previous or upcoming days.
  - *Day view:* Scroll up or down to see hours earlier or later in the day. Tap ◀ or ▶ to see the previous or next day.

- *Month view:* Days with events show a dot below the date. Tap a day to see its events in a list below the calendar. Tap ◀ or ▶ to see the previous or next month.



### See today's events

- Tap Today.

### See the details of an event

- Tap the event.

### Set iPhone to adjust event times for a selected time zone

- From the Home screen tap Settings > General > Date & Time, then turn Time Zone Support on. Then tap Time Zone and search for a major city in the time zone you want.

When Time Zone Support is on, Calendar displays event dates and times in the time zone set for your calendars. When Time Zone Support is off, Calendar displays events in the time zone of your current location.

## Photos and Camera



iPhone lets you carry your photos with you, so you can share them with your family, friends, and associates on the high-resolution display. You can sync photos from your computer to iPhone and take photos with the built-in 2-megapixel camera.

### Syncing Photos from Your Computer

If you've set iTunes to sync photos automatically, iTunes copies or updates your photo library (or selected albums) from your computer to iPhone whenever you connect iPhone to your computer. iTunes can sync your photos from the following applications:

- *On a Mac:* iPhoto 4.0.3 or later
- *On a PC:* Adobe Photoshop Album 2.0 or later or Adobe Photoshop Elements 3.0 or later


For information about syncing iPhone with photos and other information on your computer, see "Syncing iPhone with Your Computer" on page 7.

### Taking Pictures

To take a picture, just point and tap. The camera is on the back of iPhone so you can see the image you want on the display.

You can email pictures that you've taken, use them as wallpaper, assign them to contacts, and upload them to your computer.

#### Take a picture

- Tap Camera, then aim iPhone and tap .

If you take a picture with iPhone rotated sideways, it is automatically saved in landscape orientation.

#### Import photos from iPhone to your computer

- Connect iPhone to your computer. Then:
  - *On a Mac:* In iPhoto, click Import. iPhoto should open automatically.
  - *On a PC:* Follow the instructions that came with your camera or photo application.

### Viewing Photos

You can view the roll of pictures you've taken with the built-in camera in either Camera or Photos. Photos synced from your computer can be viewed in Photos.

#### See the pictures you've taken

- Tap Camera, then tap . Or from the Home screen choose Photos > Camera Roll.

### Delete a picture

- Tap a picture in the Camera Roll album, then tap .

### View photos from your computer

- From the Home screen choose Photos.
  - Tap Photo Library to see all your photos.
  - Tap any photo album, or Camera Roll to see pictures you've taken with iPhone.



### See a photo at full screen

- Tap a thumbnail photo to see it at full screen. Tap the full screen photo to hide the controls.



Tap the screen again to show the controls.

### See the next or previous photo

- Flick left or right. Or tap the screen to show the controls, then tap  or .



## Changing the Size or Orientation

### See a photo in landscape orientation

- Rotate iPhone sideways. The photo automatically reorients and, if it's in landscape format, expands to fit the screen.

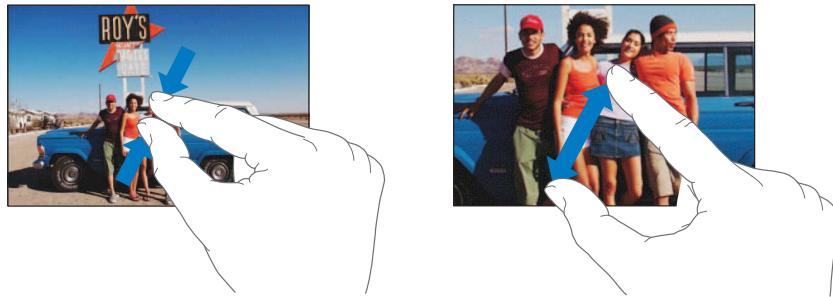


### Zoom in on part of a photo

- Double-tap the part you want to zoom in on. Double-tap again to zoom out.

### Zoom in or out

- Pinch to zoom in or out.



### Pan around a photo

- Drag the photo.

## Viewing Slideshows

### View photos in a slideshow

- Choose an album and tap a photo, then tap ►. If you don't see ►, tap the photo to show the controls.



### Stop a slideshow

- Tap the screen.

### Set slideshow settings

- 1 From the Home screen choose Settings > Photos.
- 2 To set:
  - *The length of time each slide is shown*, tap Play Each Slide For and choose a time.
  - *Transition effects when moving from photo to photo*, tap Transition and choose a transition type.
  - *Whether slideshows repeat*, turn Repeat on or off.
  - *Whether photos are shown in random order*, turn Shuffle on or off.


### Play music during a slideshow

- From the Home screen choose iPod, and play a song. Then choose Photos from the Home screen and start a slideshow.

## Using a Photo as Wallpaper

You see a wallpaper background picture as you unlock iPhone or when you're on a call with someone you don't have a high-resolution photo for.


### Set a photo as wallpaper

- 1 Choose any photo and tap , then tap Use As Wallpaper.
- 2 Drag the photo to pan, or pinch the photo to zoom in or out, until it looks the way you want.
- 3 Tap Set Wallpaper.

You can also choose from several wallpaper pictures included with iPhone by choosing Settings > Wallpaper > Wallpaper from the Home screen.

## Emailing a Photo

### Email a photo

- Choose any photo and tap , then tap Email Photo.  
iPhone must be set up for email (see "Setting Up Email Accounts" on page 46).

## Sending a Photo to a Web Gallery

If you have a .Mac account, you can send photos directly from iPhone to a Web Gallery created with iPhoto '08. You can also send photos to someone else's .Mac Web Gallery if that person has enabled email contributions.

To send photos to a Web Gallery, you need to do the following:

- Set up your .Mac mail account on iPhone
- Publish an iPhoto '08 album to a .Mac Web Gallery
- Select "Allow photo uploading by email" in the Publish Settings pane of iPhoto '08

For more information about creating a Web Gallery in iPhoto '08, open iPhoto '08, choose Help, and search for Web Gallery.


### Send a photo to your web gallery

Choose any photo and tap , then tap Send to Web Gallery.

## Assigning a Photo to a Contact

You can assign a photo to a contact. When that person calls you, iPhone displays the photo you assigned.

### Assign a photo to a contact

- 1 Choose Camera from the Home screen and take someone's picture. Or choose any photo already on iPhone and tap .
- 2 Tap Assign to Contact and choose a contact.
- 3 Drag the photo to pan, or pinch the photo to zoom in or out, until it looks the way you want.
- 4 Tap Set Photo.

You can also assign a photo to a contact in Contacts by tapping edit and then tapping the picture icon.

## YouTube



### Finding and Viewing Videos

YouTube features short videos submitted by people from around the world (not available in all languages, may not be available in all locations).

#### Browse videos

- Tap Featured, Most Viewed, or Bookmarks. Or tap More to browse by Most Recent, Top Rated, or History.
  - *Featured*: Videos reviewed and featured by YouTube staff.
  - *Most Viewed*: Videos most seen by YouTube viewers. Tap All for all-time most viewed videos, or Today or This Week for most-viewed videos of the day or week.
  - *Bookmarks*: Videos you've bookmarked.
  - *Most Recent*: Videos most recently submitted to YouTube.
  - *Top Rated*: Videos most highly rated by YouTube viewers. To rate videos, go to [www.youtube.com](http://www.youtube.com).
  - *History*: Videos you've viewed most recently.

## Search for a video

- 1 Tap Search, then tap the YouTube search field.
- 2 Type a word or phrase that describes what you're looking for, then tap Search. YouTube shows results based on video titles, descriptions, tags, and user names.

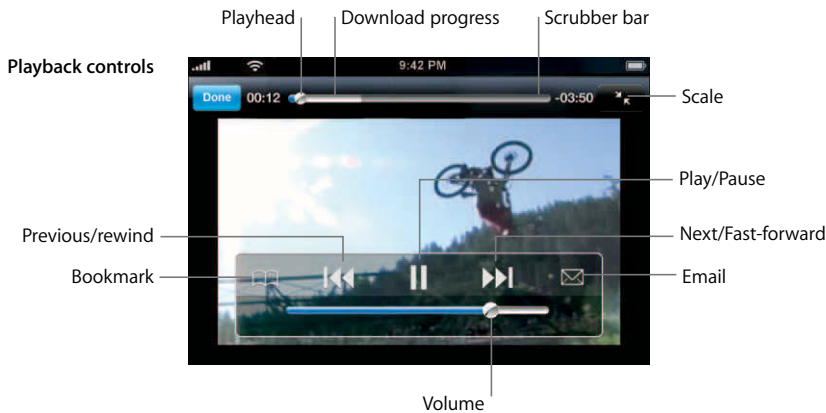
## Play a video

- Tap the video. The video begins to download to iPhone and a progress bar shows progress. When enough of the video has downloaded, it begins to play. You can also tap ► to start the video.




## Controlling Video Playback

When a video starts playing, the controls disappear so they don't obscure the video.

- Tap the screen to show or hide the controls.



To	Do this
Play or pause a video	Tap ► or   .
Raise or lower the volume	Drag the volume slider. Or use the volume buttons on the side of iPhone.
Start a video over	Tap ◀◀.
Skip to the next or previous video	Tap ◀◀ twice to skip to the previous video. Tap ▶▶ to skip to the next video.
Rewind or fast-forward	Touch and hold ◀◀ or ▶▶.
Skip to any point in a video	Drag the playhead along the scrubber bar.
Stop watching a video before it finishes playing	Tap Done. Or press the Home □ button.
Toggle between scaling a video to fill the screen or fit to the screen.	Double-tap the video. You can also tap ⌕ to make the video fill the screen, or tap ⌕ to make it fit the screen.
Bookmark a video	Tap ⌕ next to a video and tap Bookmark. Or start playing a video and tap ⌕. Tap Bookmarks to see your bookmarked videos.

To	Do this
Email a link to the video	Tap  next to a video and tap Share. Or start playing a video and tap  .
See details about a video and browse related videos	Play the whole video, tap Done while a video is playing, or tap  next to any video in a list. iPhone shows the video's rating, description, date added, and other information. You also see a list of related videos that you can tap to view.

## Changing the Browse Buttons at the Bottom of the Screen

You can replace the Featured, Most Viewed, Bookmarks, and Search buttons at the bottom of the screen with ones you use more frequently. For example, if you watch top rated videos often but don't watch many featured videos, you could replace the Featured button with Top Rated.

- Tap More and tap Edit, then drag a button to the bottom of the screen, over the button you want to replace.



You can drag the buttons at the bottom of the screen left or right to rearrange them. When you finish, tap Done.

When you're browsing for videos, tap More to access the browse buttons that aren't visible.

## Add Your Own Videos to YouTube

For information about adding your own videos to YouTube, go to [www.youtube.com](http://www.youtube.com) and tap Help.

## Stocks



### Viewing Stock Quotes

When you tap Stocks from the Home screen, the stock reader shows updated quotes for all your stocks. Quotes are updated every time you open Stocks while connected to the Internet. Quotes may be delayed by up to 20 minutes.

#### Add a stock, index, or fund to the stock reader

- 1 Tap ⓘ, then tap +.
- 2 Enter a symbol, company name, index, or fund name, then tap Search.
- 3 Choose an item in the search list.

#### Delete a stock

- Tap ⓘ and tap ⓧ next to a stock, then tap Delete.

#### Reorder stocks

- Tap ⓘ. Then drag ≡ next to a stock to a new place in the list.

#### Switch between showing percentage change and change in monetary value

- Tap the number showing the change. Tap it again to switch back.

You can also tap ⓘ and tap % or Numbers.

#### Show a stock's progress over a longer or shorter time period

- Tap a stock symbol, then tap 1d, 1w, 1m, 3m, 6m, 1y, or 2y. The chart adjusts to show progress over one day, one week, one, three, or six months, or one or two years.

#### See information about a stock at Yahoo.com

- Tap ⓘ!

You can see news, information, websites related to the stock, and more.

# Maps



Maps provides street maps, satellite photos, and hybrid views of locations in many of the world's countries. You can get detailed driving directions and, in some areas, traffic information. Also in some areas, you can find your current approximate location, and use that location to get driving directions to or from another place.<sup>1</sup>

**WARNING:** For important information about driving and navigating safely, see the *Important Product Information Guide* at [www.apple.com/support/manuals/iphone](http://www.apple.com/support/manuals/iphone).

## Finding and Viewing Locations

### Find a location and see a map

- Tap the search field to bring up the keyboard, then type an address, intersection, general area, name of a landmark, bookmark name, name of someone in your contacts list, or zip code. Then tap Search.

A pin marks the location on the map. Tap the pin to see the name or description of the location.




Tap  to get information about the location, get directions, or add the location to your bookmarks or contacts list

### Find your current approximate location on a map

- Tap . A circle appears at your current approximate location. Your approximate location is determined using information from cellular network data and some local Wi-Fi networks (if you have Wi-Fi turned on). The more accurate the available information, the smaller the circle on the map. This feature is not available in all areas.

<sup>1</sup> Maps, directions, and location information depend on data collected and services provided by third parties. These data services are subject to change and may not be available in all geographic areas, resulting in maps, directions, or location information that may be unavailable, inaccurate, or incomplete. For more information, see [www.apple.com/iphone](http://www.apple.com/iphone). In order to provide your location, data is collected in a form that does not personally identify you. If you don't want such data collected, don't use the feature. Not using this feature will not impact the functionality of your iPhone.

### Use the dropped pin

- Tap , then tap Drop Pin. A pin drops down on the map, which you can then drag to any location you choose.



To quickly move the pin to the area currently displayed, tap , then tap Replace Pin.

### Zoom in to a part of a map

- Pinch the map with two fingers. Or double-tap the part you want to zoom in on. Double-tap again to zoom in even closer.


### Zoom out

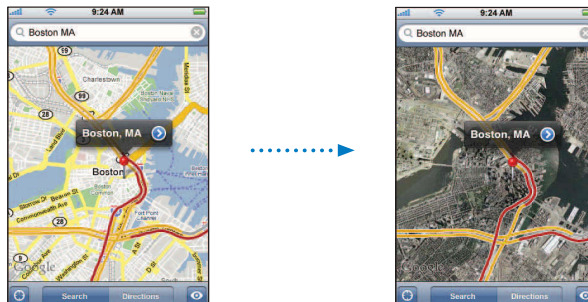
- Pinch the map. Or tap the map with two fingers. Tap with two fingers again to zoom out further.

### Pan or scroll to another part of the map

- Drag up, down, left, or right.


### See a satellite or hybrid view

- Tap , then tap Satellite or Hybrid to see just a satellite view or a combined street map and satellite view.




Tap Map to return to map view.

### See the location of someone's address in your contacts list


- Tap  in the search field, then tap Contacts and choose a contact.

To locate an address in this way, the contact must include at least one address. If the contact has more than one address, you must choose the one you want to locate. You can also find the location of an address by tapping the address directly in Contacts.


### Bookmark a location

- Find a location, tap the pin that points to it, tap  next to the name or description, then tap "Add to Bookmarks."

### See a bookmarked location or recently viewed location


- Tap  in the search field, then tap Bookmarks or Recents.

### Add a location to your contacts list

- Find a location, tap the pin that points to it, tap  next to the name or description, then tap Create New Contact or "Add to Existing Contact."




## Getting Directions

### Get directions

- 1 Tap Directions.
- 2 Enter starting and ending locations in the Start and End fields. By default, iPhone starts with your current approximate location (when available). Tap  in either field and choose a location in Bookmarks (including your current approximate location and the dropped pin, when available), Recents, or Contacts.

For example, if a friend's address is in your contacts list, you can tap Contacts and tap your friend's name instead of having to type the address.

To reverse the directions, tap .

- 3 Tap Route, then do one of the following:
  - To view directions one step at a time, tap Start, then tap  to see the next leg of the trip. Tap  to go back.
  - To view all the directions in a list, tap , then tap List. Tap any item in the list to see a map showing that leg of the trip.


The approximate driving time appears at the top of the screen. If traffic data is available, the driving time is adjusted accordingly.

You can also get directions by finding a location on the map, tapping the pin that points to it, tapping  next to the name, then tapping Directions To Here or Directions From Here.



### Show or hide traffic conditions

When available, you can show highway traffic conditions on the map.

- Tap , then tap Show Traffic or Hide Traffic.

Highways are color-coded according to the flow of traffic:




If you tap Show Traffic and don't see color-coded highways, you may need to zoom out to a level where you can see major roads, or traffic conditions may not be available for that area.

### Switch start and end points, for reverse directions

- Tap .

If you don't see , tap List, then tap Edit.

### See recently viewed directions

- Tap  in the search field, then tap Recents.

## Finding and Contacting Businesses

### Find businesses in an area

- 1 Find a location—for example, a city and state or country, or a street address—or scroll to a location on a map.
- 2 Type the kind of business in the text field and tap Search.

Pins appear for matching locations. For example, if you locate your city and then type "movies" and tap Search, pins mark movie theatres in your city.

Tap the pin that marks a business to see its name or description.

## Find businesses without finding the location first

- Type things like:
  - restaurants san francisco ca
  - apple inc new york

## Contact a business or get directions

- Tap the pin that marks a business, then tap ⓘ next to the name.



From there, you can do the following:

- Depending on what information is stored for that business, you can tap a phone number to call, email address to email, or web address to visit a website.
- For directions, tap Directions To Here or Directions From Here.
- To add the business to your contacts list, scroll down and tap Create New Contact or "Add to Existing Contact."

## See a list of the businesses found in the search

From the Map screen, tap List. Tap a business to see its location on the map. Or tap ⓘ next to a business to see its information.

## Weather



### Viewing Weather Summaries

Tap Weather from the Home screen to see the current temperature and a six-day forecast for a city of your choice. You can store multiple cities, for quick access.



If the weather board is light blue, it's daytime in that city—between 6:00 a.m. and 6:00 p.m. If the board is dark purple, it's nighttime—between 6:00 p.m. and 6:00 a.m.

#### Switch to another city

- Flick left or right. The number of dots below the weather board shows how many cities are stored.

#### Reorder cities

- Tap ⓘ. Then drag ≡ next to a city to a new place in the list.

#### Add a city

- 1 Tap ⓘ, then tap +.
- 2 Enter a city name or zip code, then tap Search.
- 3 Choose a city in the search list.

#### Delete a city

- Tap ⓘ and tap ⓧ next to a city, then tap Delete.

#### Set whether iPhone shows the temperature in Fahrenheit or Celsius

- Tap ⓘ, then tap °F or °C.

### See information about a city at Yahoo.com

- Tap .

You can see a more detailed weather report, news and websites related to the city, and more.

## Clock



### Adding and Viewing Clocks for Locations Around the World


You can add multiple clocks to show the time in major cities and time zones around the world.

#### View clocks

- Tap World Clock.


If the clock face is white, it's daytime in that city. If it's black, it's nighttime. If you have more than four clocks, scroll to see them all.

#### Add a clock

- Tap World Clock, then tap  and type the name of a city. Cities matching what you've typed appear below. Tap a city to add a clock for that city.

If you don't see the city you're looking for, try a major city in the same time zone.

#### Delete a clock

- Tap World Clock and tap Edit. Then tap  next to a clock and tap Delete.


#### Rearrange clocks

- Tap World Clock and tap Edit. Then drag  next to a clock to a new place in the list.

## Setting Alarm Clocks

You can set multiple alarms. Set each alarm to repeat on days you specify, or to sound only once.

#### Set an alarm

- Tap Alarm and tap , then adjust any of the following settings:
  - *To set the alarm to repeat on certain days*, tap Repeat and choose the days.
  - *To choose the ringtone that sounds when the alarm goes off*, tap Sound.
  - *To set whether the alarm gives you the option to hit snooze*, turn Snooze on or off.  
If Snooze is on and you tap Snooze when the alarm sounds, the alarm stops and then sounds again in ten minutes.

- *To give the alarm a description*, tap Label. iPhone displays the label when the alarm sounds.

If at least one alarm is set and turned on,  appears in the iPhone status bar at the top of the screen.

**Note:** Some carriers do not support network time in all locations. If you're traveling, iPhone may not sound your alert at the correct local time. See "Set the time manually" on page 96.

#### Turn an alarm on or off

- Tap Alarm and turn any alarm on or off. If an alarm is turned off, it won't sound again unless you turn it back on.

If an alarm is set to sound only once, it turns off automatically after it sounds. You can turn that alarm on again to reenable it.

#### Change settings for an alarm

- Tap Alarm and tap Edit, then tap  next to the alarm you want to change.

#### Delete an alarm

- Tap Alarm and tap Edit, then tap  next to an alarm and tap Delete.

## Using the Stopwatch

#### Use the stopwatch to measure time

- Tap Stopwatch. Tap Start to start the stopwatch. To record lap times, tap Lap after each lap. Tap Stop to pause the stopwatch. Then tap Start to resume, or tap Reset to reset the stopwatch to zero.

If you start the stopwatch and go to another iPhone application, the stopwatch continues running in the background.

## Setting the Timer

#### Set the timer

- Tap Timer, then flick to set the number of hours and minutes. Tap When Timer Ends to choose the sound iPhone makes when the timer ends. Tap Start to start the timer.

#### Set a sleep timer

- Set the timer, then tap When Timer Ends and choose Sleep iPod.

When you set a sleep timer, iPhone stops playing music or video when the time runs out.

If you start the timer and go to another iPhone application, the timer continues running in the background.

## Calculator



### Using the calculator

- Add, subtract, multiply, and divide, as with a standard calculator.

When you tap the add, subtract, multiply, or divide button, a white ring appears around the button to let you know the operation to be carried out.

### Using the memory functions

- **C:** Tap to clear the displayed number.
- **M+:** Tap to add the displayed number to the number in memory. If no number is in memory, tap to store the displayed number in memory.
- **M-:** Tap to subtract the displayed number from the number in memory.
- **MR/MC:** Tap once to replace the displayed number with the number in memory. Tap twice to clear the memory. If the MR/MC button has a white ring around it, there is a number stored in memory.

## Notes



### Writing, Reading, and Emailing Notes

Notes are listed by date added, with the most recent note at the top. You can see the first few words of each note in the list.

#### Add a note

- Tap **+**, then type your note and tap Done.

#### Read or edit a note

- Tap the note. Tap anywhere on the note to bring up the keyboard and edit the note. Tap **➡** or **⬅** to see the next or previous note.

#### Delete a note

- Tap the note, then tap **🗑**.

#### Email a note

- Tap the note, then tap **✉**.

To email a note, iPhone must be set up for email (see “Setting Up Email Accounts” on page 46).

Tap Settings to adjust iPhone settings.



Settings allows you to customize iPhone applications, set the date and time, configure your network connection, and enter other preferences for iPhone.

## Airplane Mode

Airplane mode disables the wireless features of iPhone to avoid interfering with aircraft operation and other electrical equipment.

### Turn on airplane mode

- Tap Settings and turn airplane mode on.

When airplane mode is on, ✈ appears in the status bar at the top of the screen, and no cell phone, radio, Wi-Fi, or Bluetooth signals are emitted from iPhone. You can't make calls, send or receive text messages, stream YouTube videos, or get stock quotes, map locations, or weather reports.

If allowed by the aircraft operator and applicable laws and regulations, you can continue to use iPhone to:

- Listen to music and watch video
- Listen to visual voicemail
- Check your calendar
- Take or view pictures
- Hear alarms
- Use the stopwatch and timer
- Use the calculator
- Take notes
- Read text messages and email messages stored on iPhone



## Wi-Fi

Wi-Fi settings determine when iPhone uses local Wi-Fi networks to connect to the Internet. If no Wi-Fi networks are available, or you've turned Wi-Fi off, then iPhone connects to the Internet via your cellular network, when available. You can use Mail, Safari, YouTube, Stocks, Maps, and Weather over a cellular network connection, but not the iTunes Wi-Fi Music Store.


### Turn Wi-Fi on or off

- Choose Wi-Fi and turn Wi-Fi on or off.

### Join a Wi-Fi network

- Choose Wi-Fi, wait a moment as iPhone detects networks in range, then select a network. If necessary, enter a password and tap Join. (Networks that require a password appear with a lock icon.)

Once you've joined a Wi-Fi network manually, iPhone automatically joins it whenever the network is in range. If more than one previously used network is in range, iPhone joins the one last used.


When iPhone is joined to a Wi-Fi network, the Wi-Fi icon  in the status bar at the top of the screen shows signal strength. The more bars you see, the stronger the signal.

### Set iPhone to ask if you want to join a new network

When you are trying to access the Internet, by using Safari or Mail for example, and you are not in range of a Wi-Fi network you have previously used, this option tells iPhone to look for another network. iPhone displays a list of all available Wi-Fi networks that you can choose from. (Networks that require a password appear with a lock icon.) If "Ask to Join New Networks" is turned off, you must manually join a network to connect to the Internet when neither a previously used network nor cellular network is available.

- Choose Wi-Fi and turn "Ask to Join Networks" on or off. If you turn "Ask to Join Networks" off, you must join new networks manually.

### Forget a network, so iPhone doesn't join it automatically

- Choose Wi-Fi and tap  next to a network you've joined before. Then tap "Forget this Network."

### Join a closed Wi-Fi network (an available Wi-Fi network that isn't shown in the list of scanned networks)

- Choose Wi-Fi > Other and enter the network name. If the network requires a password, tap Security, tap the type of security the network uses, and enter the password.

You must already know the network name, password, and security type to connect to a closed network.

Some Wi-Fi networks may require you to enter or adjust additional settings, such as a client ID or static IP address. Ask the network administrator which settings to use.

### **Adjust settings to connect to a Wi-Fi network**

- Choose Wi-Fi, then tap  next to a network.

## **Carrier**

This setting appears when you're outside of your carrier's network and other local carrier networks are available to use for your phone calls, visual voicemail, and cellular network Internet connections. You can make calls only on carriers that have roaming agreements with your carrier. Additional fees may apply. Roaming charges may be billed to you by the carrier of the selected network, through your carrier.

For information about out-of-network coverage and how to enable roaming, contact your carrier or go to your carrier's website.

### **Select a carrier for phone calls**

- Choose Carrier and select the network you want to use.

Once you select a network, iPhone will only use that network. If the network is unavailable, "No service" will appear on the iPhone screen and you won't be able to make or receive calls or visual voicemail, or connect to the Internet via cellular network. Set Network Settings to Automatic to have iPhone select a network for you.

## **Usage**

### **See your usage statistics**

- Choose Usage. There, you can see:
  - Usage—Amount of time iPhone has been awake and in use since the last full charge, including time spent checking email, sending and receiving text messages, on phone calls, listening to music, browsing the Web, or using any other iPhone features.
  - Standby—Amount of time iPhone has been powered on since its last full charge, including the time iPhone has been asleep.
  - Current period and lifetime call time
  - Amount of data sent and received over the cellular network

### **Reset your usage statistics**

- Tap Usage and tap Reset Statistics to clear the data and cumulative time statistics. The statistics for the amount of time iPhone has been unlocked and in standby mode are not reset.

## **Sounds and the Ring/Silent Switch**

### **Set the ringtone**

- Choose Sounds > Ringtone.

### Set alert and effects sounds

- Choose Sounds and turn items on or off under Ring 🔔. When the Ring/Silent switch is set to ring, iPhone plays sounds for alerts and effects that are turned on.

You can set iPhone to play a sound whenever you:

- Get a call
- Get a voicemail message
- Get a text message
- Get an email message
- Send an email message
- Have an appointment that you've set up to alert you
- Lock iPhone
- Type using the keyboard

### Switch between ring and silent mode

- Flip the Ring/Silent switch on the side of iPhone.

When set to silent, iPhone doesn't play any ring, alert, or effects sounds. It does, however, play alarms set using Clock.

### Set whether iPhone vibrates when you get a call

- Choose Sounds. To set whether iPhone vibrates in silent mode, turn Vibrate under Silent 🔕 on or off. To set whether iPhone vibrates in ring mode, turn Vibrate under Ring 🔔 on or off.

### Adjust the ringer and alerts volume

- Choose Sounds and drag the slider. Or, if no song or video is playing and you aren't on a call, use the volume buttons on the side of iPhone.

## Brightness

Screen brightness affects battery life. Dim the screen to extend the time before you need to recharge iPhone. Or use Auto-Brightness, which is designed to conserve battery life.

### Adjust the screen brightness

- Choose Brightness and drag the slider.

### Set whether iPhone adjusts screen brightness automatically

- Choose Brightness and turn Auto-Brightness on or off. If Auto-Brightness is on, iPhone adjusts the screen brightness for current light conditions using the built-in ambient light sensor.

## Wallpaper

You see a wallpaper background picture when you unlock iPhone. You can select one of the images that came with iPhone, or use a photo you've synced to iPhone from your computer.

### Set Wallpaper

- Choose Wallpaper and choose a picture.

## General

The General settings include date and time, security, network, and other settings that affect more than one application. This is also where you can find information about your iPhone, and reset iPhone to its original state.

### About

Choose General > About to get information about iPhone, including:

- Name of your phone network
- Number of songs, videos, and photos
- Total storage capacity
- Space available
- Software version
- Serial and model numbers
- Wi-Fi and Bluetooth addresses
- IMEI (International Mobile Equipment Identity) and ICCID (Integrated Circuit Card Identifier, or Smart Card) numbers
- Modem firmware version of the cellular transmitter
- Legal information

## Home Button

Choose General > Home Button to set preferences for double-clicking the Home button. You can set iPhone so that double-clicking the Home button goes to either your Home, Phone Favorites, or iPod screen.

### Set whether double-clicking the Home button shows iPod controls

- Turn Show iPod Controls on or off so that when you're playing music, you can access iPod controls by double-clicking the Home button. This setting works even when your display is turned off or your iPhone is locked.

## Date and Time

These settings apply to the time shown in the status bar at the top of the screen, world clocks, and calendar.

### Set whether iPhone shows 24-hour time or 12-hour time

- Choose General > Date & Time and turn 24-Hour Time on or off.

### Set whether iPhone sets the date and time automatically

- Choose General > Date & Time and turn Set Automatically on or off.

If iPhone is set to update the time automatically, it gets the correct time over the cell network, and updates it for the time zone you're in.

Some carriers do not support network time in all locations. If you're traveling, iPhone may not be able to automatically set the local time.

### Set the time manually

- Choose General > Date & Time and turn Set Automatically off. Then enter a time zone, date, and time.

### Turn on Calendar time zone support

- Choose General > Date & Time and turn Time Zone Support on. When Time Zone Support is on, Calendar displays event dates and times in the time zone set for your calendars. When Time Zone Support is off, Calendar displays events in the time zone of your current location.

## International


Use the International settings to set the language for iPhone, turn keyboards for different languages on and off, and set the date, time, and telephone number formats for your region.

### Set the language for iPhone

- Choose General > International > Language, choose the language you want to use, and tap Done.

### Turn international keyboards on or off

You can change the language for your keyboard on iPhone, or make two or more keyboards available.

- Choose General > International > Keyboards, and turn on the keyboards you want. If more than one keyboard is turned on, tap  to switch keyboards when you're typing. When you tap the symbol, the name of the newly active keyboard appears briefly.

### Set date, time, and telephone number formats

Choose General > International > Region Format, and choose your region.

## Auto-Lock

Locking iPhone turns off the display to save your battery and to prevent unintended operation of iPhone. You can still receive calls and text messages, and you can adjust the volume and use the mic button on the iPhone Stereo headset when listening to music or on a call.

### Set the amount of time before iPhone locks

- Choose General > Auto-Lock and choose a time.

## Passcode Lock

By default, iPhone doesn't require you to enter a passcode to unlock it.

### Set a passcode

- Choose General > Passcode Lock and enter a 4-digit passcode. iPhone then requires you to enter the passcode to unlock it.

### Turn passcode lock off

- Choose General > Passcode Lock and tap Turn Passcode Off, then enter your passcode.

### Change the passcode

Choose General > Passcode Lock and tap Change Passcode, enter the current passcode, then enter and reenter your new passcode.

If you forget your passcode, you must restore the iPhone software. See page 120.

### Set how long before your passcode is required

Choose General > Passcode Lock > Require Passcode, then select how long iPhone can be locked before you need to enter a passcode to unlock it.

## Network

Use the Network settings to configure a VPN (virtual private network) connection, access Wi-Fi settings, or turn Data Roaming on or off.

### VPN

VPNs are often used within organizations to allow you to communicate private information securely over a non-private network. You may need to configure VPN, for example, to access your work email on iPhone.

iPhone can connect to VPNs that use the L2TP or PPTP protocol and optionally use either RSA SecurID or CRYPTOCARD for authentication. VPN works over both Wi-Fi and cellular network connections.

### Configure VPN

- Choose General > Network > VPN and tap Settings. Ask your network administrator which settings to use. In most cases, if you've set up VPN on your computer, you can use the same VPN settings for iPhone.

### Turn VPN on or off

Once you've entered VPN settings, a VPN switch appears at the top level of the Settings list.

- Tap Settings and turn VPN on or off.

### Wi-Fi

See "Wi-Fi" on page 92.

### Data Roaming

Data Roaming turns on Internet and visual voicemail access over a cellular network when you're in an area not covered by your carrier's network. For example, when you're traveling, you can turn off Data Roaming to avoid potential roaming charges. By default, Data Roaming is turned off.

- Choose General > Network and turn Data Roaming on or off.

### Bluetooth

iPhone can connect wirelessly to Bluetooth headsets and car kits for hands-free talking. See "Using iPhone with a Bluetooth Headset or Car Kit" on page 41 for more information.

### Turn Bluetooth on or off

- Choose General > Network and turn Bluetooth on or off.

### Keyboard

#### Turn Auto-Capitalization on or off

By default, iPhone automatically capitalizes words after you type sentence-ending punctuation or a return character.

- Choose General > Keyboard and turn Auto-Capitalization on or off.

#### Set whether Caps Lock is enabled

If Caps Lock is enabled and you double-tap the Shift ⇧ key on the keyboard, all letters you type are uppercase. The Shift key turns blue when Caps Lock is on.

- Choose General > Keyboard and turn Enable Caps Lock on or off.

#### Turn "." shortcut on or off

The "." shortcut lets you double-tap the space bar to enter a period followed by a space when you're typing. It is on by default.

- Choose General > Keyboard and turn "." Shortcut on or off.

#### Turn international keyboards on or off

You can change the language for your keyboard on iPhone, or make two or more keyboards available.

- Choose General > Keyboards > International Keyboards and turn on the keyboards you want.

If more than one keyboard is turned on, tap  to switch keyboards when you're typing. When you tap the symbol, the name of the newly active keyboard appears briefly.

## Resetting iPhone Settings

### Reset all settings

- Choose General > Reset and tap Reset All Settings.

All your preferences and settings are reset. Information, such as your contacts and calendars, and media, such as your songs and videos, are not deleted.

### Erase all content and settings

- Choose General > Reset and tap "Erase All Content and Settings."

All your information and media are deleted. You must sync iPhone with your computer to restore contacts, songs, videos, and other information and media.

### Reset the keyboard dictionary

- Choose General > Reset and tap Reset Keyboard Dictionary.

You add words to the keyboard dictionary by rejecting words iPhone suggests as you type. Tap a word to reject the correction and add the word to the keyboard dictionary. Resetting the keyboard dictionary erases all words you've added.

### Reset Network Settings

- Choose General > Reset and tap Reset Network Settings.

### Reset the Home screen layout

- Choose General > Reset and tap Reset Home Screen Layout.

## Mail

Use Mail settings to customize your email account for iPhone. Changes you make to email accounts settings are *not* synced to your computer, allowing you to configure email to work with iPhone without affecting email account settings on your computer.

## Account Settings

The specific accounts settings that appear on iPhone depend on the type of account you have—POP or IMAP.

**Note:** Microsoft Outlook 2003 or 2007 email accounts must be configured for IMAP in order to work with iPhone.

### Stop using an account

- Choose Mail, choose an account, then turn Account off.

If an account is off, iPhone doesn't display the account and doesn't send or check email from that account, until you turn it back on.