



# iPhone

## User's Guide

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To avoid injury, read all operating instructions in this guide and safety information in the *Important Product Information Guide* at [www.apple.com/support/manuals/iphone](http://www.apple.com/support/manuals/iphone) before using iPhone.

## What You Need

To use iPhone, you need:

- A new wireless service plan with the carrier that provides iPhone service in your area
- A Mac or a PC with a USB 2.0 port and one of the following operating systems:
  - Mac OS X version 10.4.10 or later
  - Windows XP Home or Professional with Service Pack 2 or later
  - Windows Vista Home Premium, Business, Enterprise, or Ultimate edition
- Display resolution on your computer set to 1024 x 768 or higher
- iTunes 7.5 or later, available at [www.apple.com/itunes](http://www.apple.com/itunes)
- An iTunes Store account (a major credit card is required to open a new account)
- An Internet connection

## Activating iPhone

Before you can use any of iPhone's features, you must activate iPhone by signing up for a service plan with the iPhone service carrier in your area and registering iPhone with the network. If you already have a wireless account with the carrier, you may be able to upgrade your account to work with iPhone, or keep using your old phone and add a new line for iPhone. (Some accounts may not be upgradable.) You may also be able to transfer your current phone number to iPhone, or get a new one.

For more information about iPhone, including videos about how to activate and use it, go to:

[www.apple.com/iphone](http://www.apple.com/iphone)

### Inserting the iPhone SIM Card

In some regions, you may need to purchase the SIM card separately and insert it into iPhone before activation. Read the documentation that comes with the SIM card for instructions.

If your carrier gave you a PIN number to use with your SIM, you may need to enter the PIN before activating iPhone.

### Activate iPhone

- 1 Download and install the latest version of iTunes from [www.apple.com/itunes](http://www.apple.com/itunes).
- 2 Connect iPhone to a USB 2.0 port on your Mac or PC using the dock and cable that came with iPhone.

Unless your keyboard has a high-powered USB 2.0 port, you must connect iPhone to a USB 2.0 port on your computer.



- 3 Follow the onscreen instructions in iTunes to activate iPhone and sync iPhone with your contacts, calendars, email accounts, and bookmarks on your computer.

A single checkmark in “Set Up Your iPhone” syncs all these items automatically. Or you can use iTunes to customize the information you sync, and to sync your ringtones, music, photos, podcasts, and videos to iPhone. See the following section.

You can disconnect iPhone from your computer after “Waiting for activation” appears on the iPhone screen. When activation is complete, “iPhone is activated” appears on the iPhone screen. This means that iPhone is fully functional and you can use all of its features.

**Important:** If you are migrating your current phone number to iPhone, activation may take from several hours to a day and migration of your number may take several days, depending on your location and previous carrier.

## Syncing iPhone with Your Computer

When you connect iPhone to your computer, iTunes syncs iPhone with the information and media on your computer, according to how you've configured the iPhone sync settings in iTunes.



You can set iTunes to sync any or all of the following:

- Contacts—names, phone numbers, addresses, email addresses, and so on
- Calendars—appointments and events
- Email account settings
- Webpage bookmarks
- Ringtones
- Music and audiobooks
- Photos
- Podcasts
- Videos

Ringtones, music, audiobooks, podcasts, and video content are synced from your iTunes library. If you don't already have content in iTunes, the iTunes Store (available in some countries) makes it easy to purchase or subscribe to content and download it to iTunes. You can also add music to your iTunes library from your CDs. To learn about iTunes and the iTunes Store, open iTunes and choose Help > iTunes Help.

Contacts, calendars, webpage bookmarks, and photos are synced from applications on your computer, as described below. Contacts and calendars are synced both ways between your computer and iPhone. New entries or changes you make on iPhone are synced to your computer, and vice versa. Webpage bookmarks are also synced both ways.

Email account settings are only synced from your computer's email application to iPhone. This allows you to customize your email accounts on iPhone without affecting email account settings on your computer.

If you like, you can set iPhone to sync with only a portion of what's on your computer. For example, you might want to sync only a group of contacts from your address book, or only unwatched video podcasts. You can adjust sync settings whenever iPhone is connected to your computer.

**Important:** You can connect and sync with only one iPhone at a time. Disconnect one before connecting another. You should be logged in to your own user account on the computer before connecting iPhone. On a PC, if you sync more than one iPhone to the same user account, use the same sync settings for each.

## Setting Up Syncing

You use the iPhone settings panes in iTunes to specify the iTunes content and other information you want to sync to iPhone.



### Set up syncing

- 1 Connect iPhone to your computer, and open iTunes (if it doesn't open automatically). Unless your keyboard has a high-powered USB 2.0 port, you must connect iPhone to a USB 2.0 port on your computer.
- 2 Select iPhone in the iTunes window (below Devices, on the left).
- 3 Configure the sync settings in each of the settings panes.
- 4 Click Apply in the lower-right corner of the screen.

The following sections provide an overview of each of the iPhone settings panes. For more information, open iTunes and choose Help > iTunes Help.





## Summary Pane

Select “Automatically sync when this iPhone is connected” to have iTunes sync iPhone automatically whenever you connect it to your computer. Deselect this option if you want to sync only by clicking the Sync button in iTunes. For more information about preventing automatic syncing, see page 11.

Select “Sync only checked songs and videos” if you want to sync only items that are individually checked in your iTunes library.

Select “Manually manage music and videos” to turn off syncing in the Music and Video settings panes.

## Info Pane

The Info pane lets you configure the sync settings for your contacts, calendars, email accounts, and web browser.

### Contacts

You can sync contacts with applications such as Mac OS X Address Book, Microsoft Entourage, and Yahoo! Address Book on a Mac, or with Yahoo! Address Book, Windows Address Book (Outlook Express), or Microsoft Outlook 2003 or 2007 on a PC. (On a Mac, you can sync contacts with multiple applications. On a PC, you can sync contacts with only one application at a time.)

If you sync with Yahoo! Address Book, you only need to click Configure to enter your new login information when you change your Yahoo! ID or password after you’ve set up syncing.

**Note:** Syncing won’t delete any contact in Yahoo! Address Book that contains a Messenger ID, even if you’ve deleted the contact from your address book on iPhone or your computer. To delete a contact containing a Messenger ID, log in to your Yahoo! account and delete the contact using Yahoo! Address Book online.

### Calendars

You can sync calendars from applications such as iCal and Microsoft Entourage on a Mac, or from Microsoft Outlook 2003 or 2007 on a PC. (On a Mac, you can sync calendars with multiple applications. On a PC, you can sync calendars with only one application at a time.)

## Mail Accounts

You can sync email account settings from Mail on a Mac, and from Microsoft Outlook 2003 or 2007 or Outlook Express on a PC. Account settings are only transferred from your computer to iPhone. Changes you make to an email account on iPhone don't affect the account on your computer.

**Note:** The password for your Yahoo! email account isn't saved on your computer. If you sync a Yahoo! email account, you must enter the password on iPhone. From the Home screen choose Settings > Mail, choose your Yahoo! account, then enter your password in the password field.

## Web Browser

You can sync bookmarks from Safari on a Mac, or from Safari or Microsoft Internet Explorer on a PC.

## Advanced

These options let you replace the information on iPhone with the information on your computer during the next sync.

## Ringtones

Use the Ringtones pane to select the ringtones you want to sync to iPhone.

## Music, Podcasts, and Video Panes

Use these panes to specify the media you want to sync. You can sync all music, podcasts, and videos, or select the playlists and specific podcasts and videos you want on iPhone. Audiobooks and music videos are synced along with music.

If you want to watch rented movies on iPhone, transfer them to iPhone using the Video pane in iTunes.

If there's not enough room on iPhone for all the media you've specified, iTunes asks if you want to create a special playlist and set it to sync with iPhone. Then iTunes randomly fills the playlist.

## Photos Pane

You can sync photos with iPhoto 4.0.3 or later on a Mac, or with Adobe Photoshop Album 2.0 or later or Adobe Photoshop Elements 3.0 or later on a PC. You can also sync photos in any folder on your computer that contains images.

## Preventing iPhone from Syncing Automatically

You may want to prevent iPhone from syncing automatically when you connect iPhone to a computer other than the one you usually sync with.

### Turn off automatic syncing for iPhone

- Connect iPhone to your computer, then select iPhone in the iTunes source list (below Devices, on the left) and click the Summary tab. Deselect “Automatically sync when this iPhone is connected.” You can still sync manually by clicking the Sync button.

### Prevent automatic syncing for all iPhones

- In iTunes choose iTunes > Preferences (on a Mac) or Edit > Preferences (on a PC), click iPhone, and select “Disable automatic syncing for all iPhones.”

If this checkbox is selected, iPhone won’t sync automatically, even if “Automatically sync when this iPhone is connected” is selected in the Summary pane.

### Prevent automatic syncing one time, without changing any settings

- Open iTunes. Then, as you connect iPhone to your computer, press and hold Command-Option (on a Mac) or Shift-Control (on a PC) until you see iPhone in the iTunes source list (below Devices, on the left).

### Sync manually

- Select iPhone in the iTunes source list (below Devices, on the left), then click Sync in the lower-right corner of the window. Or, if you’ve changed any sync settings, click Apply.

## Disconnecting iPhone from Your Computer

Unless iPhone is syncing with your computer, you can disconnect it from your computer at any time.

When iPhone is syncing with your computer, iPhone shows “Sync in progress.” If you disconnect iPhone before it finishes syncing, some data may not get transferred.

When iPhone finishes syncing, iTunes shows “iPhone sync is complete.”

To cancel a sync so you can disconnect iPhone, drag the slider on iPhone. If you get a call during a sync, the sync is canceled automatically and you can unplug iPhone to answer the call. Connect iPhone after the call to finish syncing.

## iPhone at a Glance





Stereo headset



Dock connector to USB cable



Dock



USB power adapter



Polishing cloth

Item	What you can do with it
<b>Stereo headset</b>	Listen to music, videos, and phone calls. Use the built-in microphone to talk. Click the mic button to answer or end a call. When listening to iPod, click the button once to play or pause a song, or click twice quickly to skip to the next track.
<b>Dock</b>	<p>Connect the dock to your computer or to the power adapter using the included cable, then set iPhone in the dock so it stands upright as it charges or syncs.</p> <p>Connect external speakers to the line out port on the back of the dock using an audio cable that has a standard 3.5 millimeter stereo miniplug.</p>
<b>Dock connector to USB cable</b>	Use the cable to connect iPhone to your computer to sync and charge, or to the power adapter to charge. The cable can be used with the dock or plugged directly into iPhone.
<b>USB power adapter</b>	Connect the power adapter to iPhone using the included cable, then plug it into a standard power outlet to charge iPhone.
<b>Polishing cloth</b>	Wipe the iPhone screen.
<b>SIM eject tool</b>	Eject the SIM card (tool not included with iPhone in all countries).

## Status Icons

The icons in the status bar at the top of the screen give information about iPhone:

Status icon	What it means
 <b>Cell signal</b>	Shows whether you're in range of the cell network and can make and receive calls. The more bars, the stronger the signal. If there's no signal, the bars are replaced with "No service."
 <b>Airplane Mode</b>	Shows that airplane mode is on—you cannot use the phone, access the Internet, or use Bluetooth® devices. Non-wireless features are available. See page 91.
 <b>Wi-Fi</b>	Shows that iPhone is connected to the Internet over a Wi-Fi network. The more bars, the stronger the connection. See page 24.
 <b>EDGE</b>	Shows that your carrier's EDGE network is available, and iPhone can connect to the Internet over EDGE. See page 25.
 <b>GPRS</b>	Shows that your carrier's GPRS network is available, and iPhone can connect to the Internet over GPRS. See page 25.
 <b>Lock</b>	Shows that iPhone is locked. See page 17.
 <b>Play</b>	Shows that a song is playing. See page 60.
 <b>Alarm</b>	Shows that an alarm is set. See page 87.
 <b>Bluetooth</b>	<i>Blue or white icon:</i> Bluetooth is on and a device, such as a headset or car kit, is connected. <i>Gray icon:</i> Bluetooth is on, but no device is connected. <i>No icon:</i> Bluetooth is turned off. See page 41.
 <b>Bluetooth Headset battery indicator</b>	Shows battery level for the iPhone Bluetooth Headset when it's connected.
 <b>Battery</b>	Shows battery level or charging status. See page 27.

## Home Screen

Press the Home  button at any time to see your iPhone applications. Tap any application icon to get started.

## iPhone Applications

The following applications are included with iPhone:

 <b>Phone</b>	Make calls, with quick access to recent callers, favorites, and all your contacts. Visual voicemail presents a list of your voicemail messages. Just tap to listen to any message you want, in any order you want.
 <b>Mail</b>	Send and receive email using your existing email accounts. iPhone works with the most popular email systems—including Yahoo! Mail, Google email, AOL, and .Mac Mail—as well as most industry-standard POP3 and IMAP email systems.



### Safari

Browse any website over a cellular data network or over Wi-Fi. Rotate iPhone sideways for widescreen viewing. Double-tap to zoom in or out—Safari automatically fits sections to the iPhone screen for easy reading. Add Safari Web Clips to the Home screen for fast access to favorite websites.



### iPod

Listen to your songs, audiobooks, and podcasts. Watch movies and video podcasts in widescreen.



### Text

Send and receive SMS text messages with anyone who has an SMS-capable phone. Conversations are saved in an iChat-like presentation, so you can see a history of messages you've sent and received.



### Calendar

View your iCal, Microsoft Entourage, or Microsoft Outlook calendar synced from your computer. Enter events on iPhone and they get synced back to your computer. Set alerts to remind you of events, appointments, and deadlines.



### Photos

View photos transferred from your computer or taken with iPhone. View them in portrait or landscape mode. Zoom in on any photo for a closer look. Watch a slideshow. Email photos, add them to a Web Gallery, assign them to contacts, and use them as wallpaper.



### Camera

Take clear, crisp photos at two megapixels and view them on iPhone, email them, or upload them to your computer. Take a friend's picture and set iPhone to display it when that person calls you.



### YouTube

Play videos from YouTube's online collection.<sup>1</sup> Search for any video, or browse featured, most viewed, most recently updated, and top-rated videos.



### Stocks

Watch your favorite stocks, updated automatically from the Internet.



### Maps

See a street map, satellite view, or hybrid view of locations around the world. Zoom in for a closer look. Find your current approximate location. Get detailed driving directions and see current highway traffic conditions. Find businesses in the area and call with a single tap.<sup>2</sup>



### Weather

Get current weather conditions and a six-day forecast. Store your favorite cities for a quick weather report anytime.



### Clock

View the time in cities around the world—create clocks for your favorites. Set one or more alarms. Use the stopwatch, or set a countdown timer.



Add, subtract, multiply, and divide.

### Calculator

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Jot notes on the go—reminders, grocery lists, brilliant ideas. Send them in email.

### Notes

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### Settings

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Adjust all iPhone settings in one convenient place. Set your ringtone, wallpaper, screen brightness, and settings for network, phone, mail, web, music, video, photos, and more. Set auto-lock and a passcode for security.



### iTunes

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Search the iTunes Wi-Fi Music Store music catalog, or browse, preview, and purchase new releases, top-ten songs and albums, and more.<sup>3</sup> In select Starbucks locations,<sup>4</sup> find out what song is playing in the café, then buy it instantly. Browse, preview, and purchase other songs from featured Starbucks Collections.

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<sup>1</sup> Not available in all areas.

<sup>2</sup> Some features or services not available in all areas.

<sup>3</sup> Not available in all areas.

<sup>4</sup> In the U.S. only.

## Customizing the Home Screen Layout

You can customize the layout of icons on the Home screen—including the Dock icons along the bottom of the screen. If you want, arrange them over multiple Home screens.

### Rearrange icons

- 1 Touch and hold any Home screen icon until all of the icons begin to wiggle.
- 2 Arrange the icons by dragging them.
- 3 Press the Home  button to save your arrangement.

You can also add links to your favorite webpages on the Home screen. See “Adding Safari Web Clips to the Home Screen” on page 56.



### Create additional Home screens

- While arranging icons, drag an icon to the right edge of the screen until a new screen appears. You can flick to return to the original screen and drag more icons to the new screen.



You can create up to nine screens. The number of dots at the bottom shows the number of screens you have, and indicates which screen you are viewing.

### Switch to another Home screen

- Flick left or right.

### Reset your Home screen to the default layout

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

## iPhone Buttons and Touchscreen

A few simple buttons and a high-resolution touchscreen make it easy to learn and use iPhone.

### Locking iPhone and Turning It On or Off

When you're not using iPhone but you still want to receive calls and text messages, you can lock it.

When iPhone is locked, nothing happens if you touch the screen. You can still listen to music and adjust the volume, and use the button on the included stereo headset to play or pause a song, or answer or end a call.

By default, if you don't touch the screen for a minute, iPhone locks automatically.



To	Do this
Lock iPhone	Press the Sleep/Wake button.
Unlock iPhone	Press the Home  button or the Sleep/Wake button, then drag the slider.
Turn iPhone completely off	Press and hold the Sleep/Wake button for a few seconds until the red slider appears, then drag the slider. When iPhone is off, incoming calls go straight to voicemail.
Turn iPhone on	Press and hold the Sleep/Wake button until the Apple logo appears.

For information about changing the time before iPhone locks, see “Auto-Lock” on page 97. For information about setting iPhone to require a passcode to unlock it, see “Passcode Lock” on page 97.

## Using the Touchscreen

The controls on the iPhone touchscreen change dynamically depending on the task you are performing.

- Tap any application to open it.



- Press the Home  button below the display at any time to return to the Home screen.

- Drag up or down to scroll. On some screens such as webpages, you can also scroll side to side.



Dragging your finger to scroll won't choose or activate anything on the screen.

- Flick to scroll quickly.



You can wait for the scrolling to come to a stop, or tap or touch anywhere on the screen to stop it immediately. Tapping or touching to stop scrolling won't choose or activate anything on the screen.

- Some lists have an index along the right side. Tap a letter to jump to items starting with that letter. Drag your finger along the index to scroll quickly through the list.



- Tap an item in the list to choose it. Depending on the list, tapping an item can do different things—for example, it may open a new list, play a song, open an email, or show someone's contact information so you can call that person.
- The back button in the upper-left corner shows the name of the previous list. Tap it to go back.
- When viewing photos, web pages, email, or maps, you can zoom in and out. Pinch your fingers together or apart. For photos and web pages, you can double-tap (tap twice quickly) to zoom in, then double-tap again to zoom out. For maps, double-tap to zoom in and tap once with two fingers to zoom out.



## Onscreen Keyboard

Use the onscreen keyboard to enter text, such as contact information, text messages, or URLs. Depending on the application you're using, the intelligent keyboard may automatically suggest corrections as you type (some languages only), to help prevent mistyped words.

iPhone provides keyboards in multiple languages, and supports the following keyboard formats:

- QWERTY
- QWERTZ

- AZERTY
- QZERTY
- Japanese IME

See “Keyboard” on page 98 for information about turning on keyboards for different languages and other keyboard settings.

### Entering Text

Start by typing with just your index finger. As you get more proficient, you can type more quickly using two thumbs.

- 1 Tap a text field, such as in a note or new contact, to bring up the keyboard.
- 2 Tap keys on the keyboard.

As you type, each letter appears above your thumb or finger. If you touch the wrong key, you can slide your finger to the correct key. The letter is not entered until you release your finger from the key.



To	Do this
Type uppercase	Tap the Shift ⇧ key before tapping a letter.
Quickly type a period and space	Double-tap the space bar.
Turn caps lock on	Enable caps lock (see page 98), then double-tap the Shift ⇧ key. The Shift key turns blue, and all letters you type are uppercase. Tap the Shift key again to turn caps lock off.
Shows numbers, punctuation, or symbols	Tap the Number 123 key. Tap the Symbol #+= key to see additional punctuation and symbols.

## Accepting or Rejecting Dictionary Suggestions

iPhone has dictionaries for English, English (UK), French, German, and Italian. The appropriate dictionary is activated automatically when you select a keyboard on iPhone. iPhone uses the active dictionary to suggest corrections or complete the word you're typing.



You don't need to interrupt your typing to accept the suggested word.

- *To use the suggested word*, type a space, punctuation mark, or return character.
- *To reject the suggested word*, finish typing the word as you want it, then tap the "x" to dismiss the suggestion before typing anything else. Each time you reject a suggestion for the same word, iPhone becomes more likely to accept your word.

## Editing text

- Touch and hold to see a magnified view, then drag to position the insertion point.



## Adjusting the Volume

When you're on the phone or listening to songs, movies, or other media, the buttons on the side of iPhone adjust the audio volume. Otherwise, the buttons control the volume for the ringer, alerts, and other sound effects.

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

- To adjust the volume, use the buttons on the side of iPhone.



To set a volume limit for music and videos on iPhone, see page 105.

- Flip the Ring/Silent switch to change between ring 📞 and silent 🚫 modes.



When set to ring mode, iPhone plays all sounds. When set to silent mode, iPhone doesn't ring or sound any alerts or sound effects. Alarms set using Clock do sound, however. By default, when you get a call, iPhone vibrates whether it's set to ring or silent mode. If iPhone is set to ring mode, you can silence a call by pressing the Sleep/Wake button or one of the volume buttons once. Press a second time to send the call to voicemail.

For information about changing sound and vibrate settings, see page 93.

## Using the Stereo Headset

The headset included with iPhone features a microphone and an integrated button that allows you to answer and end calls easily, and control audio and video playback.

Plug in the headset to listen to music or a phone call. Callers hear you through the headset microphone. Click the mic button to control music playback and answer or end calls, even when iPhone is locked.



To	Do this
Pause a song or video	Click the mic button once. Click again to resume playback.
Skip to the next song	Click twice quickly.
Answer an incoming call	Click once.
End the current call	Click once.
Decline an incoming call	Press and hold for about two seconds, then let go. When you let go, two low beeps confirm you declined the call.
Switch to an incoming or on-hold call and put the current call on hold	Click once. Click again to switch back to the first call.
Switch to an incoming or on-hold call and end the current call	Press and hold for about two seconds, then let go. When you let go, two low beeps confirm you ended the first call.

If you get a call while the headset is plugged in, you can hear the ringtone through both the iPhone speaker and the headset.

## Connecting to the Internet

iPhone connects to the Internet automatically whenever you use Mail, Safari, YouTube, Stocks, Maps, Weather, or the iTunes Wi-Fi Music Store. iPhone does the following, in order, until connected:

- Connects over the last Wi-Fi  network you used that's available.
- If no previously used Wi-Fi networks are available, iPhone shows a list of Wi-Fi networks in range. Tap a network and, if necessary, enter the password to join. Networks that require a password show  next to them. You can prevent iPhone from automatically showing available networks. See "Set iPhone to ask if you want to join a new network" on page 92.



- If no Wi-Fi networks are available or you choose not to join any, iPhone connects to the Internet over a cellular data network (📶 or 📶). You cannot access the iTunes Wi-Fi Music Store over a cellular network.

If no Wi-Fi networks are available and a cellular data network is not available, iPhone cannot connect to the Internet. Turning on airplane mode disables both Wi-Fi and cellular network access.

**Note:** Because iPhone uses the cellular network for the phone, you cannot use the Internet over a cellular network when you're on a call. To talk on the phone and use Internet applications at the same time, connect over a Wi-Fi network.

Many Wi-Fi networks can be used free of charge including, in some regions, Wi-Fi hotspots provided by your iPhone carrier. Some Wi-Fi networks require a fee. To join a Wi-Fi network at a hotspot where charges apply, you can usually open Safari to see a webpage that allows you to sign up for service.

## Joining a Wi-Fi Network

The Wi-Fi settings let you turn on Wi-Fi and join Wi-Fi networks.

### Turn on Wi-Fi

- Choose Settings > Wi-Fi and turn Wi-Fi on.

### Join a Wi-Fi network

- Choose Settings > 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 will automatically connect to 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 connected to a Wi-Fi network, the Wi-Fi icon  in the status bar at the top of the screen shows connection strength. The more bars you see, the stronger the connection.

For information about configuring Wi-Fi settings, see "Wi-Fi" on page 92.

## Accessing the Internet via Cellular Network

EDGE and GPRS allow Internet connectivity over the cellular network available through your iPhone carrier's wireless service. Check the carrier's network coverage in your area for availability.

While iPhone is actively transferring data over a cellular network—downloading a webpage, for example—you may not be able to receive calls. Incoming calls then go directly to voicemail.

You can tell iPhone is connected to the Internet over EDGE if you see  in the status bar at the top of the screen. If iPhone is connected to the Internet over GPRS,  appears in the status bar.

If you're outside your carrier's network, you may be able to access the Internet from another carrier. To enable email, web browsing, and other data services whenever possible, turn Data Roaming on.

- In Settings, choose General > Network and turn Data Roaming on.

**Note:** Roaming charges may apply. To avoid roaming charges, make sure Data Roaming is turned off.

## Using iPhone on an Airplane

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

- From the Home screen choose Settings, then turn airplane mode on.

When you turn on airplane mode,  appears in the status bar at the top of the screen. No cell phone, radio, Wi-Fi, or Bluetooth signals are emitted from iPhone. You cannot:

- Make phone calls
- Send or receive email
- Browse the Internet
- Send or receive text messages
- Stream YouTube videos
- Get stock quotes
- Get maps locations
- Get 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 or timer
- Use the calculator
- Take notes
- Read text messages and email messages stored on iPhone

## Charging the Battery

iPhone has an internal rechargeable battery.

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

### Charge the battery

- Connect iPhone to a power outlet using the included cable and power adapter.

### Charge the battery and sync iPhone

- Connect iPhone to your computer using the included cable and dock.

Unless your keyboard has a high-powered USB 2.0 port, you must connect iPhone to a USB 2.0 port on your computer.



**Note:** If iPhone is connected to a computer that's turned off or is in sleep or standby mode, the iPhone battery may drain.

An icon in the upper-right corner of the screen shows battery charging status.



If you charge the battery while syncing or using iPhone, it may take longer to charge.

**Important:** If iPhone is very low on power, it may display one of the following images indicating that iPhone needs to charge for up to ten minutes before you can use it. If iPhone is extremely low on power, the display may be blank for up to two minutes before one of the low-battery images appears.



Rechargeable batteries have a limited number of charge cycles and may eventually need to be replaced. The iPhone battery is not user replaceable; it can only be replaced by an authorized service provider. For more information, go to: [www.apple.com/batteries](http://www.apple.com/batteries)

## Cleaning iPhone

Use the polishing cloth that came with iPhone to gently wipe the glass screen and the case.

You can also use a soft, slightly damp, lint-free cloth. Unplug and turn off iPhone (press and hold the Sleep/Wake button, then drag the onscreen red slider). Avoid getting moisture in openings. Don't use window cleaners, household cleaners, aerosol sprays, solvents, alcohol, ammonia, or abrasives to clean iPhone.

Tap Phone to make calls, view and add contacts, and check voicemail.



Making a call on iPhone is as simple as tapping a name or number in your contacts list or tapping a contact in your favorites list. Or tap the name of a recent caller to return the call. If you've set up iTunes to sync contacts automatically, your contacts are synced with the address book on your computer each time you connect iPhone.

Visual voicemail displays a list of your voicemail messages so you can listen to them in whatever order you chose. Or tap to get more information, such as the time and duration of the call. (Visual voicemail may not be available in all regions.)

## Calling and Answering

The cell signal indicator  at the top of the screen shows whether you're in range of the cell network and can make and receive calls. The more bars, the stronger the signal.

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

## Making a Call

Making a call is easy—simply tap an entry in your list of contacts, favorites, or recent calls on iPhone. Or you can make a call the “old-fashioned” way, by entering a number on the keypad.

### Call someone in your contacts list

- Tap Contacts and choose a contact, then tap the phone number you want to call.

### Call someone in your favorites list

- Tap Favorites and choose a contact.

You can double-click the Home button to quickly go to Favorites. See “Home Button” on page 95.

For information about adding people to your favorites list, see page 39.

**Call someone you’ve recently called or who has recently called you**

- Tap Recents and choose a person or number. Calls you’ve missed are shown in red. Tap Missed to see only missed calls.

**Dial a call**

- Tap Keypad and enter the number, then tap Call. Tap  if you make a mistake. You can also tap Keypad and then tap Call, to bring up the number of the last number you dialed.

**While You’re On a Call**

When you’re on a call, the screen shows call options.

Call options



To	Do this
Mute the microphone	Tap Mute. The caller can’t hear you, but you can still hear the caller. Tap Mute again for the caller to hear you.
Use the keypad to enter information	Tap Keypad. You can use the keypad to enter information requested by automated voice systems, such as when calling airlines reservations. Tap Hide Keypad to see call options again.
Use the speakerphone or a Bluetooth device, so you can talk and listen hands-free	Tap Speaker anytime you’re on a call. If iPhone is paired with an active Bluetooth headset or car kit, the button is labeled Audio Source and lets you select the Bluetooth device, iPhone, or Speaker Phone.
Make a conference call	Tap Add Call. For information about conference calling, see page 33.
Put a call on hold	Tap Hold. The caller can’t hear you and you can’t hear the caller. Tap Hold again to talk again.

To	Do this
Use iPhone applications while you're on a call	<p>While on a call, press the Home  button to go to the Home screen and use other applications. Or tap Contacts to browse contacts.</p> <p>So for example, you can check your calendar or takes notes while on a call. If you're connected to Wi-Fi , you can also browse the web and use other Internet applications such as Maps—to find the location of a restaurant, perhaps.</p> <p>To return to the call screen from another application, tap the green bar at the top of the screen.</p>
End a call	<p>Tap End Call.</p> <p>If you're listening through the included stereo headset, you can also click the mic button to end a call.</p>

## Answering a Call

When someone calls you, iPhone rings and displays the caller's information, if available.

### Answer a call

- When you receive a call, do one of the following:
  - Tap Answer. Or, if iPhone is locked, drag the slider.
  - If you're listening through the stereo headset, you can click the mic button to answer.



## Silencing or Declining a Call

When a call comes in, you may not want to answer it, or you may need to stop iPhone from ringing or vibrating. You can silence or decline an incoming call. When you silence a call, you still have a chance to answer it, until the call goes to voicemail. When you decline a call, the call is silenced and sent directly to voicemail.

### Silence a call

- Press the Sleep/Wake button once, or either of the volume buttons.

### Decline a call

- Do one of the following:
  - Press the Sleep/Wake button twice quickly.



- Press and hold the mic button on the headset for about two seconds, then let go. When you let go, two low beeps confirm that the call was declined.
- Tap Decline. Decline appears only when you're using iPhone.

### Checking Recent and Missed Calls

iPhone keeps a list of the most recent calls you made or received.

#### See a list of recently made, received, and missed calls

- Tap Recents.

Missed calls appear in red. To list only your missed calls, tap Missed.

Tap the  next to an entry to see more information about the call, such as whether the call was incoming or outgoing. If the call was to or from someone in your contacts, all of the contact information is shown and the phone number used for the call appears in blue. A star indicates that the number is also in your favorites list.

### Making or Answering a Second Call During a Call

You can make or receive another call while you're already on the phone. If you receive a second call, iPhone beeps and shows the caller's information and a list of options.

#### Put a caller on hold and make a second call

- Tap Add Call and make a second call.

#### Respond to an incoming call

- Do one of the following:
  - *To ignore the call and send it to voicemail*, tap Ignore.
  - *To hold the first call and answer the new call*, tap Hold Call + Answer.



- To end the first call and answer the new one, tap End Call + Answer.

To	Do this
Switch back to the first call and put the second call on hold	Tap the first call at the top of the screen, or tap Swap.
Merge the two calls, so all three of you can talk	Tap Merge Calls.

### Conference Calling

Conference calling lets you talk to more than one person at a time. You can merge up to five calls for a phone conference.

#### Start a conference call

- 1 Make a call.
- 2 Tap Add Call and make another call. The first call is put on hold. If you want, you can talk on the second line privately before merging the calls.
- 3 Tap Merge Calls. The calls are merged onto one line and everyone can hear each other.
- 4 Repeat steps two and three to add more calls to the conference.

To	Do this
Drop one call from a conference	Tap Conference and tap  next to a call. Then tap End Call.
Talk privately with a call in a conference	Tap Conference and tap Private next to a call. Tap Merge Calls to return the call to the conference.
Add an incoming call to a conference	Tap Hold Call + Answer, then tap Merge Calls.

iPhone always has two lines available, one of which can be a conference call.

### Emergency Dialing

#### Call for help in an emergency

- Tap Keypad and dial the number, then tap Call. Or if iPhone is locked with a passcode (see page 97), tap Emergency Call, then dial the number.

**Note:** You should not rely on wireless devices for essential communications, such as medical emergencies. Use of any cellular phone to call emergency services may not work in all locations. Emergency numbers and services vary by region, and sometimes an emergency call cannot be placed due to network availability or environmental interference. Some cellular networks may not accept an emergency call from iPhone if it does not have a SIM, the SIM is PIN-locked, or if you have not activated your iPhone.

## Visual Voicemail

When you decline or don't answer a call, the caller hears a recorded greeting and can leave a voicemail message. On iPhone, visual voicemail lets you see a list of your messages and choose which ones to listen to or delete, without having to listen to prior messages or voice instructions.

**Note:** Visual voicemail may not be available in all regions.

The Phone icon on the Home screen shows the total number of missed calls and unheard voicemail messages you have.



When you tap Phone, the Voicemail button shows the number of unheard voicemail messages and the Recents button shows the number of missed calls.



## Setting Up Voicemail

### Set up voicemail and create a password

- Tap Voicemail. The first time you tap Voicemail, iPhone prompts you to create a voicemail password and record your voicemail greeting.

### Record a new voicemail greeting

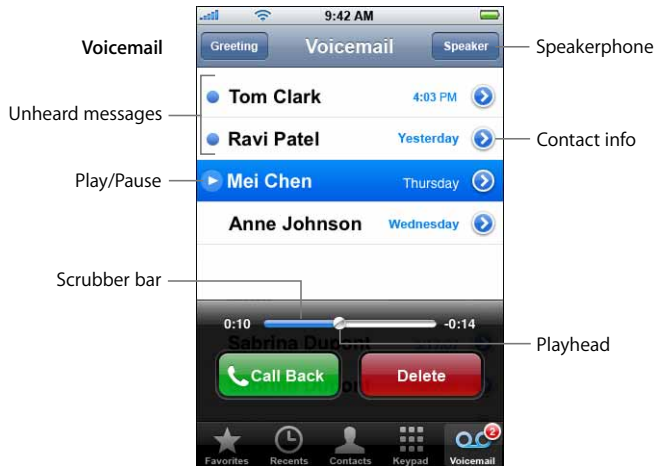
- 1 Tap Voicemail and tap Greeting. Then tap Custom.
- 2 Tap Record and say your greeting.
- 3 When you finish, tap Stop. To listen to your greeting, tap Play.
- 4 When you're satisfied, tap Save.

### Set iPhone to play a default voicemail greeting

- Tap Voicemail and tap Greeting. Then tap Default. When someone calls, they'll hear a standard message that includes your phone number.

## Checking Voicemail

On iPhones with visual voicemail, the Voicemail screen shows your voicemail messages. Unheard messages have a blue dot  next to them.



### Listen to a new voicemail message

- If you receive visual voicemail, tap Voicemail, then tap the new message. The message downloads to iPhone and plays. Tap  to pause the message. Tap  to resume playback.

You can skip to any point in a message by dragging the playhead on the scrubber bar. This is useful if you want to review part of a message—to hear a phone number again, for example.

Once you listen to a message, it is saved for a limited number of days (depending on your carrier), then deleted automatically.

To	Do this
Listen to a message again	Tap the message and tap  .
Listen to a deleted message	Tap Deleted Messages (at the end of your voicemail messages), then tap the message you want to hear.
Listen over the speakerphone	Tap Speaker.
Select audio when a Bluetooth headset or car kit is connected	Tap Audio and choose the Bluetooth device, iPhone, or Speaker Phone.

- If visual voicemail is not available, tap Voicemail and follow the voice prompts to retrieve your voicemail messages.

### Check voicemail from another phone

- Dial the remote access voicemail number provided by your carrier.

To set up a password for voicemail, see “Change the voicemail password” on page 102.

## Returning a Call

It's simple to return a call from visual voicemail.

- Tap a message, then tap Call Back.

## Deleting Messages

Deleted visual voicemail messages are saved on iPhone for a time, then they are automatically and permanently erased. Before messages are erased permanently, you can still view and listen to them, and even undelete them.

### Delete a message

- If you receive visual voicemail, tap a message, then tap Delete.  
If visual voicemail isn't available, tap Voicemail and follow the voice prompts to retrieve and delete your voicemail messages.

### Undelete a message

- Tap Deleted Messages (at the end of your visual voicemail messages), then tap a message and tap Undelete. The message returns to your messages list.

## Getting Contact Information

Visual voicemail saves more than just recorded messages. The date and time of the call, the length of the message, and any available contact information are all included.

If the caller is already in your contacts, that information is a tap away. If the message is from someone not in your contacts, you can easily add the number if it's not blocked. You can also add a caller to your favorites list from visual voicemail.

To	Do this
See a caller's contact information	Tap  next to a message. Tap a number or email address to contact the caller. Tap Text Message to text the caller.
Add a caller's number to your contacts list	Tap  next to a message. Then tap Create New Contact, or tap "Add to Existing Contact" and choose a contact.
Add a caller to your favorites list	Tap  next to a message, then tap "Add to Favorites."

## Setting an Alert Sound for Voicemail

You can set an alert to sound whenever you receive a new voicemail. The alert sounds only once for each new voicemail.

### Set an alert sound for new voicemail

- From the Home screen choose Settings > Sounds, then turn New Voicemail on or off.  
If the Ring/Silent switch is off, iPhone won't make alert sounds even if they're turned on in Settings.

## Recording Your Voicemail Greeting

The voicemail greeting, or outgoing message, is what a caller hears when you decline or don't answer a call, and the call is sent to voicemail. A default greeting may be provided by your carrier. You can record a custom greeting to use instead.

### Record a voicemail greeting

- 1 In Voicemail, tap Greeting in the upper-left corner of the screen.
- 2 Tap Custom.
- 3 Tap Record when you're ready to record your greeting.
- 4 Tap Stop when you finish.

To review the greeting, Tap Play. If you're not satisfied, repeat steps 2 through 4 to re-record the greeting.

- 5 Tap Save.

## Adding Contact Information to iPhone

With iPhone Contacts, it's easy to have all your contact information with you. You can sync the contact information from your computer to iPhone, and you can enter new contacts and make changes directly on iPhone.

### Syncing Contact Information from Your Computer

If you've set up iTunes to sync contacts automatically, iTunes keeps your contacts up-to-date—whether you make changes on your computer or on iPhone. iTunes supports syncing with the following applications on your computer.

- *On a Mac:* Mac OS X Address Book, Microsoft Entourage, and Yahoo! Address Book
- *On a PC:* Yahoo! Address Book, Windows Address Book (Outlook Express), or Microsoft Outlook 2003 or 2007

For information about syncing iPhone with your address books and other information on your computer, see “Syncing iPhone with Your Computer” on page 7.

### Adding and Editing Contacts Directly on iPhone

Your contacts are always quickly available on iPhone, whenever you need them. iPhone lets you view and add contact information directly from Phone, Mail, and Text applications. If someone calls, emails, or sends you a text message, you can add them to your contacts, right where you are. If you're entering a new contact from scratch, however, you do that in Phone.

#### Add a contact to iPhone

- Choose Contacts and tap **+**, then enter the contact information.

### Delete a contact

- 1 Tap Contacts and choose a contact.
- 2 Tap Edit.  
Scroll to the bottom of the contact information and tap Delete Contact.

### Add a contact from a number entered using the keypad

- 1 Tap Keypad and enter a number, then tap .
- 2 Tap Create New Contact and enter the caller's information, or tap "Add to Existing Contact" and choose a contact.

### Edit a contact's phone number, address, and other information

- Tap Contacts and choose a contact, then tap Edit.
  - To add an item—such as a web address or mobile phone number, tap  next to the item.
  - To delete an item, tap  next to it.

### Enter a pause in a number

- Tap , then tap Pause.

Pauses are sometimes required by phone systems—before an extension or password, for example. Each pause lasts 2 seconds. You may need to enter more than one.

### Add a recent caller's information to your contacts

- Tap Recents and tap  next to the number. Then tap Create New Contact and enter the caller's information, or tap "Add to Existing Contact" and choose a contact.

### Assign a photo to a contact or change a contact's photo

- 1 Tap Contacts and choose a contact.
- 2 Tap Edit and tap Add Photo, or tap the existing photo.
- 3 Tap Take Photo to use the camera to take a picture. Or tap Choose Existing Photo and choose a photo.
- 4 Move and scale the photo the way you want it. Pinch or double-tap to zoom in or out. Drag the photo up, down, or sideways.
- 5 Click Set Photo.

## Using Contact Information

You can do a lot more than make a call from the Info screen. For example, with a single tap, create a new email message addressed to your contact, visit their website, or locate their home or business in Maps.

- Tap contacts and choose a contact. Then tap an item.



## Adding Entries to Your Favorites List for Quick Access

### Add a contact's number to your favorites list

- Tap Contacts and choose a contact. Then tap "Add to Favorites" and choose the number you want to add.

### Add a recent caller's number to your favorites list

- Tap Recents and tap  next to a caller, then tap "Add to Favorites."

To	Do this
Call a contact from your favorites list	Tap Favorites and choose a contact.
Delete a contact from your favorites list	Tap Favorites and tap Edit. Then tap  next to a contact or number and tap Remove.
Reorder your favorites list	Tap Favorites and tap Edit. Then drag  next to a contact to a new place in the list.

## Seeing Your Own Phone Number

In some regions, iPhone displays your phone number at the top of the Contacts screen.

- Tap Contacts and scroll to the top of the list.

## Ringtones

iPhone comes with a number of ringtones that you can use for incoming calls, Clock alarms, and the Clock timer. You can also create ringtones in iTunes using songs purchased from the iTunes Store.<sup>1</sup> Use the Ringtones pane in iTunes to select the ringtones you want to sync to iPhone. See “Setting Up Syncing” on page 8.

A dedicated switch on the side of iPhone lets you quickly turn ringing on or off. You can also set iPhone to vibrate or not.

### Setting Ringtones

In addition to the default ringtone, you can assign individual ringtones to people in your contacts so that you can tell when a particular person calls.

#### Set the default ringtone

- From the Home screen choose Settings > Sounds > Ringtone, then choose a ringtone.

#### Assign a ringtone to a contact

- From Phone, tap Contacts and choose a contact. Tap Ringtone and choose a ringtone. When that person calls, you hear that ringtone.

### Setting the Ring Mode

You can switch between ring  and silent  mode. You can set iPhone to vibrate in either mode or both.

**Note:** Alarms that you’ve set using the Clock application still sound even when you set the Ring/Silent switch to silent.

#### Switch between ring mode and silent mode

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



You can tell by feel if iPhone is set to ring or be silent. The Ring/Silent switch is aligned with the volume buttons when it is set to ring. In silent mode, the button is offset.

<sup>1</sup> Charges may apply. Not all songs in the iTunes Store can be used to create ringtones.



## Setting iPhone to Vibrate

You can have iPhone vibrate when you receive a call. Separate controls let you set iPhone to vibrate in ring mode, silent mode, or both.

### Set whether iPhone vibrates

- From the Home screen choose Settings > 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.

For more information about changing sound and vibrate settings, see page 93.

## Using iPhone with a Bluetooth Headset or Car Kit

You can talk on iPhone hands-free using the optional iPhone Bluetooth Headset.

You can also use iPhone with other Bluetooth headsets. If your car has a Bluetooth car kit, you can talk in your car hands-free without using a headset.

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

## Using the iPhone Bluetooth Headset

The iPhone Bluetooth Headset, available separately, is unlike any other Bluetooth headset you've used before. It features autopairsting and simple operation. You can pair iPhone with the headset simply by placing iPhone and the headset in the iPhone Dual Dock, which comes with the headset. Pairing sets iPhone to work with only one headset, preventing connections with other headsets.

### Pair iPhone with the iPhone Bluetooth Headset

- Connect the iPhone Dual Dock to your computer, then place iPhone and the headset in the dock.



The first time you connect the headset, let it charge for about an hour until the status light on the headset turns from amber to green. When iPhone and the headset are both in the dock, iPhone displays the battery level for the headset.

### Connect the iPhone Bluetooth Headset with iPhone

Before you can answer or make calls with the headset, the headset must be wirelessly connected to iPhone.

- Press the button on the headset.

When the headset is connected, the blue (📶) or white (📶) Bluetooth icon appears in the iPhone status bar at the top of the screen (the color of the icon depends on the color of the current status bar). An icon showing the headset battery status (🔋) also appears in the status bar.

### Make or answer a call

- 1 Place the headset in either ear with the microphone pointed towards your mouth.



- 2 Make a call on iPhone, or press the button on top of the headset to answer an incoming call.



- 3 When you finish, press the button to end the call.

### Adjust the volume

- Use the volume buttons on the side of iPhone.

### Using a Third-Party Headset or Car Kit

Other Bluetooth headsets and car kits may be used with iPhone as well. You must first pair a Bluetooth device with iPhone before you can use it for your phone calls.

### Pairing a Bluetooth Headset or Car Kit

Pairing sets iPhone to work with only one headset. This prevents iPhone from sending your calls to some other headset.

### Pair iPhone with a Bluetooth headset or car kit

- 1 Follow the instructions that came with the headset or car kit to make it discoverable or to set it to search for other Bluetooth devices. This may involve entering a passkey or PIN number.
- 2 From the Home screen, choose Settings > General > Bluetooth and turn Bluetooth on. iPhone searches for nearby Bluetooth devices.
- 3 Choose the headset or device on iPhone and enter a passkey or PIN number. The instructions that came with the headset or car kit should tell you how to get the passkey.

### Routing Calls Through a Bluetooth Headset, Car Kit, or iPhone

After you've paired a Bluetooth device to work with iPhone, you must make a connection to have iPhone use the device for your calls.

When iPhone is connected to a Bluetooth device, all outgoing calls are routed through the device by default. Incoming calls are routed through the device if you answer using the device, and through iPhone if you answer using iPhone. In some cases, your contacts list transfers to the car kit and you can start a call by looking up a contact on the car kit's display.

iPhone can be connected with only one Bluetooth device at a time.

### Route calls through a Bluetooth headset or car kit

- Make a connection between iPhone and the headset or car kit.

To connect with a third-party Bluetooth headset, see the documentation that came with the headset.

Once you have paired iPhone with a Bluetooth car kit, iPhone connects to the car kit automatically when you start the car (if you have iPhone with you and Bluetooth is turned on).

### Bluetooth Status

You can see whether Bluetooth is on or off, and whether a Bluetooth device is connected to iPhone, by looking at the Bluetooth icon  in the iPhone status bar at the top of the screen:

-  or  (white): Bluetooth is on and a device is connected to iPhone.
-  (gray): Bluetooth is on but no device is connected. If you've paired a device with iPhone, it may be out of range or turned off.
- *No Bluetooth icon in status bar*: Bluetooth is turned off.

### Routing Calls Back through iPhone

There are a few ways to stop using a headset or car kit and go back to hearing calls through iPhone.

### Route calls through iPhone

- Answer a call by tapping the iPhone touchscreen.
- During a call, tap Audio on iPhone. Choose iPhone to hear calls through iPhone, choose Speaker Phone to hear calls through the speakerphone, or choose a connected Bluetooth device.
- Turn off Bluetooth. From the Home screen choose Settings > General > Bluetooth and drag the switch to Off.
- Turn off the headset or car kit, or move out of range. You must be within about 30 feet of a Bluetooth device for it to be connected to iPhone.

To turn off the iPhone Bluetooth Headset, press and hold the button until you hear the falling tones.

### Unpairing a Device from iPhone

If you've paired iPhone with a device and want to use another device instead, you must unpair the first device.

#### Unpair a device from iPhone

- 1 From the Home screen choose Settings > General > Bluetooth. If Bluetooth isn't on, turn it on.
- 2 Choose a device and tap Unpair.

Until you pair the device with iPhone again, iPhone doesn't route calls through it.

### Turning Bluetooth on iPhone On or Off

- From the Home screen choose Settings > General > Bluetooth, then turn Bluetooth on or off.

## Calling to and from Other Countries

iPhone is a quad-band GSM phone. It supports the most common frequencies in the U.S., Europe, and Asia (850, 900, 1800, and 1900 MHz), ensuring broad international coverage.

### International Calls

Your carrier's calling plans allow you to make international calls from your home country. International long-distance rates may apply when you make a call to another country.

For information about making international calls, including rates and other charges that may apply, contact your carrier or go to your carrier's website.

## International Roaming

You can use iPhone to make calls in many countries around the world. You must first enable your carrier's service plan for international roaming.

So that you can still make calls by tapping entries in contacts or favorites, you can set iPhone to add your country prefix automatically to phone numbers when you're calling from another country.

When you're traveling outside your carrier's network, you may be able to choose among different carriers in the area where you're traveling.

**Note:** Roaming charges may apply. To avoid roaming charges, make sure Data Roaming is turned off.

For information about making international calls, including rates and other charges that may apply, contact your carrier or go to your carrier's website.

### Make a call from outside your home country

- Contact your carrier to enable your iPhone account for international roaming.

### Set iPhone to add the correct prefix when dialing from another country

- From the Home screen choose Settings > Phone, then turn International Assist on or off. By default, International Assist is on.<sup>1</sup>

### Set the carrier network to use

- In Settings, tap Carrier, then select the carrier network you prefer. You can only make calls on carriers that have roaming agreements with your iPhone service provider. Any roaming charges may be billed from the selected network. See "Carrier" on page 93 for more information.

### Turn Data Roaming on or off

You can avoid roaming charges when you're traveling outside your carrier's network by leaving Data Roaming turned off (Data Roaming is turned off by default).

To enable email, web browsing, and other data services whenever possible, turn Data Roaming on.

- In Settings, choose General > Network and turn Data Roaming on.

Roaming charges may be incurred.

## Phone Settings

From the Home screen choose Settings > Phone to adjust Phone settings. See page 101.

<sup>1</sup> Not available in all areas.

Tap Mail to send and check email.



Mail is a rich HTML email client that retrieves your email in the background while you do other things on iPhone. iPhone works with the most popular email systems—including Yahoo! Mail, Google email, AOL, and .Mac Mail—as well as other industry-standard POP3 and IMAP email systems. Mail lets you send and receive photos and graphics, which are displayed in your message along with the text. You can also get PDFs and other attachments and view them on iPhone.

## Setting Up Email Accounts

You must have an email address—which looks like “yourname@example.com”—to use iPhone for email. If you have Internet access, you most likely got an email address from your Internet service provider.

If you chose automatic syncing during setup, your existing email accounts should be already set up and ready to go. Otherwise, you can set iTunes to sync your email accounts, or configure email accounts directly on iPhone.

## Syncing Email Accounts to iPhone

You use iTunes to sync your email accounts to iPhone. iTunes supports Mail and Microsoft Entourage on a Mac, and Microsoft Outlook 2003 or 2007 and Outlook Express on a PC. See “Setting Up Syncing” on page 8.

**Note:** Syncing an email account to iPhone copies the email *account setup*, not the messages themselves. Whether the messages in your inbox appear on both iPhone and your computer depends on the type of email account you have and how it's configured.

## If You Don't Have an Email Account

Email accounts are available from most Internet service providers. If you use a Mac, you can get an email address, along with other services, at [www.mac.com](http://www.mac.com). Fees may apply.

Free accounts are also available online:

- [www.mail.yahoo.com](http://www.mail.yahoo.com)

Yahoo! provides free “push” email accounts. With a push email account, email is transferred to iPhone as soon as it is received by the mail server.

To receive push email, you must first set up a Yahoo! account on iPhone.

- [www.google.com/mail](http://www.google.com/mail)
- [www.aol.com](http://www.aol.com)

## Setting Up an Email Account on iPhone

You can set up and make changes to an email account directly on iPhone. Your email service provider can provide the account settings you need to enter.

Changes you make on iPhone to an email account synced from your computer are *not* copied to your computer.

For help in setting up email accounts on iPhone, use the online iPhone Mail Setup Assistant at:

[www.apple.com/support/iphone/mailhelper](http://www.apple.com/support/iphone/mailhelper)

### Enter account settings directly on iPhone

- 1 If this is the first account you're setting up on iPhone, tap Mail. Otherwise, from the Home screen choose Settings > Mail > Accounts > Add Account.
- 2 Choose your email account type: Y! Mail (for Yahoo!), Google email, .Mac, AOL, or Other.
- 3 Enter your account information:

If you're setting up a Yahoo!, Google email, .Mac, or AOL account, enter your name, email address, and password. After that, you're done.

Otherwise, click Other, select a server type—IMAP, POP, or Exchange—and enter your account information:

- Your email address
- The email server type (IMAP, POP, or Exchange)
- The Internet host name for your incoming mail server (which may look like “mail.example.com”)
- The Internet host name for your outgoing mail server (which may look like “smtp.example.com”)



- Your user name and password for incoming and outgoing servers (you may not need to enter a user name and password for an outgoing server)

**Note:** Exchange email accounts must be configured for IMAP in order to work with iPhone. Contact your IT organization for more information.

## Sending Email

You can send an email message to anyone who has an email address. You can send the message to one person or to a group of people.


### Compose and send a message

- 1 Tap .
- 2 Type one or more names or email addresses in the To or Cc (carbon copy) fields, or tap  and choose a contact to add the contact's email address.

As you type an email address, comparable email addresses from your contacts list appear below. Tap one to add it.

- 3 Type a subject if you like, then type a message.
- 4 Tap Send.

### Send a photo in a message


- From the Home screen choose Photos, then choose a photo. Then tap  and tap Email Photo.

If you have more than one email account on iPhone, the photo is sent using the default account (see page 101).

### Save a message as a draft so you can work on it later


- Start composing the message and tap Cancel. Then tap Save. You can find the message in the Drafts mailbox, add to it or change it, and then send it.

### Reply to a message

- Open a message and tap . Tap Reply to reply to just the person who sent the message. Tap Reply All to reply to the sender and the other recipients. Then add a message of your own if you like, and tap Send.

When you reply to a message, files or images attached to the initial message aren't sent back.

### Forward a message

- Open a message and tap , then tap Forward. Add one or more email addresses and a message of your own if you like, then tap Send.

When you forward a message, you can include the files or images attached to the original message.



## Send a message to a recipient of a message you received

- Open the message and tap the recipient's name or email address, then tap Email.

## Checking and Reading Email

The Mail icon shows the total number of unread messages in all of your inboxes. You may have other unread messages in other mailboxes.



Number of  
unread emails

On each account screen, you can see the number of unread messages next to each mailbox.

Tap to see all  
your email accounts



Number of  
unread messages

Tap a mailbox to see its messages. Unread messages have a blue dot next to them.

Unread messages



## Read a message

- Tap a mailbox, then tap a message. Within a message, tap ▲ or ▼ to see the next or previous message.

## Delete a message

- Open the message and tap .

You can also delete a message directly from the mailbox message list by swiping left or right over the message title and then tapping Delete.



Or you can tap Edit and tap  next to a message.

## Check for new messages

- Choose a mailbox, or tap  at any time.

## Open an attached file

You can view or read some types of files and images attached to messages you receive. For example, if someone sends you a PDF, Microsoft Word, or Microsoft Excel document, you can read it on iPhone.

- Tap the attachment. It downloads to iPhone and then opens.



You can view attachments in both portrait and landscape orientation. If the format of an attached file isn't supported by iPhone, you can see the name of the file but you can't open it. iPhone supports the following email attachment file formats:

- .doc, .docx, .htm, .html, .pdf, .txt, .xls, .xlsx

### **See all the recipients of a message**

- Open the message and tap Details.

Tap a name or email address to see the recipient's contact information. Then tap a phone number, email address, or text message to contact the person. Tap Hide to hide the recipients.

### **Add an email recipient to your contacts list**

- Tap the message and, if necessary, tap Details to see the recipients. Then tap a name or email address and tap Create New Contact or "Add to Existing Contact."

### **Mark a message as unread**

- Open the message and tap "Mark as Unread."

A blue dot  appears next to the message in the mailbox list until you open it again.

### **Move a message to another mailbox**

- Open the message and tap , then choose a mailbox.

### **Zoom in to a part of a message**

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

### **Resize any column of text to fit the screen**

- Double-tap the text.

### **Resize a message manually**

- Pinch to zoom in or out.

### **Follow a link**

- Tap the link.

Text links are typically underlined in blue. Many images also have links. A link can take you to a webpage, open a map, dial a phone number, or open a new preaddressed email message.

Web, phone, and map links open Safari, Phone, or Maps on iPhone. To return to your email, press the Home button and tap Mail.

## **Mail Settings**

From the Home screen choose Settings > Mail to set up and customize your email accounts for iPhone. See page 99.

Tap Safari to explore the World Wide Web.



## Surfing the Web

Safari lets you see webpages just as they were designed to be seen in computer-based browsers. A simple double tap lets you zoom in; rotate iPhone sideways for a wider view. Search using Google or Yahoo!—both are built-in.

## Opening and Navigating Webpages

### Open a webpage

- Tap the address field at the top of the screen, type the web address—*apple.com* or *www.google.com*, for example—and tap Go. If you don't see the address field, tap the status bar at the top of the screen.

As you type, any web address in your bookmarks or history list that contains those letters appears below. Tap a web address to visit its webpage.

### Erase all the text in the address field

- Tap the address field, then tap .

### Follow a link on a webpage

- Tap the link.

Text links are typically underlined in blue. Many images also have links. A link can take you to another place on the web, open a map, call a phone number, or open a new preaddressed email.

Email, phone number, and address links open Mail, Phone, or Maps on iPhone. To return to Safari, press the Home button and tap Safari.

If a link leads to a sound or movie file supported by iPhone, Safari plays the sound or movie. For supported file types, see page 117.

To	Do this
See a link's destination address	Touch and hold the link. The address pops up next to your finger. You can touch and hold an image to check if it has a link.
Stop a webpage from loading if you change your mind	Tap <b>X</b>
Reload a webpage	Tap <b>C</b>
Return to the previous or next webpage	Tap <b>◀</b> or <b>▶</b> at the bottom of the screen.
Return to any of the last several webpages you've visited	Tap <b>📖</b> and tap History. To clear the history list, tap Clear.
Send a webpage address over email	Tap <b>+</b> and tap "Mail Link to this Page." You must have an email account set up on iPhone (see page 46).

## Zooming In to See a Webpage More Easily

### View a webpage in widescreen orientation

- Rotate iPhone sideways. Safari automatically reorients and expands the page.



### Resize any column to fit the screen

- Double-tap the column. The column expands, so you can read it more easily.



Double-tap again to zoom back out.

### Zoom in on part of a webpage

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

### Zoom in or out manually

- Pinch to zoom in or out.

### Scroll around the page

- Drag up, down, or sideways. When scrolling, you can touch and drag anywhere on the page without activating any links. If you tap a link, you follow the link, but if you drag a link, the page scrolls.

### Scroll within a frame on a webpage

- Use two fingers to scroll within a frame on a webpage. Use one finger to scroll the entire webpage.

### Jump to the top of a webpage

- Tap the status bar at the top of the iPhone screen.

## Searching the Web

By default, Safari searches using Google. You can set it to search using Yahoo!, instead.

### Search for anything on the web

- 1 Tap **Q** to go to the Google search field.
- 2 Type a word or phrase that describes what you're looking for, then tap Google.
- 3 Tap a link in the list of search results to open a webpage.

### Set Safari to search using Yahoo!

- From the Home screen choose Settings > Safari > Search Engine, then choose Yahoo!.

## Opening Multiple Webpages at Once

You can have more than one webpage open at a time. Some links automatically open a new page instead of replacing the current one.

The number inside the pages icon  at the bottom of the screen shows how many pages are open. If there's no number inside, just one page is open.

For example:

 = one page is open

 = three pages are open

### Open a new webpage

- Tap  and tap New Page.

### See all open pages and go to another page that's open

- Tap  and flick left or right. When you get to the page you want, tap it.



### Close a webpage

- Tap  and tap . You can't close a page if it's the only one that's open.

## Typing in Text Fields

Some webpages have forms or text fields you can enter information in.

### Bring up the keyboard

- Tap inside a text field.

### Move to other text fields on the webpage

- Tap another text field. Or tap the Next or Previous button.

### **Submit the form**

- Once you finish filling out the text fields on the page, tap Go or Search. Most pages also have a link you can tap to submit the form.

### **Dismiss the keyboard without submitting the form**

- Tap Done.

## **Adding Safari Web Clips to the Home Screen**

You can add Web Clips for your favorite websites to the Home screen for fast access. Web Clips appear as icons, which you can arrange however you want on the Home screen. See “Customizing the Home Screen Layout” on page 16.

### **Add a Web Clip to the Home screen**

- Open the page and tap . Then tap “Add to Home Screen.”

Web Clips remember the displayed portion—the zoom level and location—of webpages. When you open a Web Clip, Safari automatically zooms and scrolls to that portion of the webpage again. The displayed portion is also used to create the icon for the Web Clip on the Home screen.

Before you add a Web Clip, you can edit its name. If the name is too long (more than about 10 characters), it may appear abbreviated on the Home screen.

### **Delete a Web Clip from the Home screen**

- 1 Touch and hold any Home screen icon until the icons begin to wiggle.
- 2 Tap the “x” in the corner of the Web Clip you want to delete.
- 3 Tap Delete, then press the Home  button to save your arrangement.

## **Using Bookmarks**

You can bookmark webpages, so that you can quickly return to them at any time without having to type the address.

### **Bookmark a webpage**

- Open the page and tap . Then tap Add Bookmark.

Before you save a bookmark you can edit its title or choose where to save it. By default, the bookmark is saved in the top-level Bookmarks folder. Tap Bookmarks to choose another folder.

### **Open a bookmarked webpage**

- Tap , then choose a bookmark or tap a folder to see the bookmarks inside.



### Edit a bookmark or bookmark folder

- Tap , choose the folder that has the bookmark or folder you want to edit, then tap Edit. Then do one of the following:
  - *To make a new folder*, tap New Folder.
  - *To delete a bookmark or folder*, tap  next to the bookmark or folder, then tap Delete.
  - *To reposition a bookmark or folder*, drag  next to the item you want to move.
  - *To edit the name or address of a bookmark or folder, or to put it in a different folder*, tap the bookmark or folder.

When you finish, tap Done.

## Syncing Bookmarks

If you use Safari on a Mac, or Safari or Microsoft Internet Explorer on a PC, you can sync bookmarks on iPhone with bookmarks on your computer.

### Sync bookmarks between iPhone and your computer

- Connect iPhone to your computer. If bookmarks are set to be synced automatically (see page 8), the sync begins.

## Safari Settings

From the Home screen choose Settings > Safari to adjust security and other settings. See page 106.

Tap iPod to listen to songs, audiobooks, and podcasts, and watch videos.



iPod on iPhone works . . . just like an iPod! iPhone syncs with iTunes on your computer to get the songs, videos, and other content you've collected in your iTunes library.

### Syncing iPod Content from Your iTunes Library

If you've turned on syncing, iTunes automatically syncs content from your iTunes library to iPhone each time you connect it to your computer. iTunes lets you sync all of your media, or specific songs, videos, and podcasts. For example, you could set iTunes to sync selected music playlists and the three most recent episodes of your favorite video podcast.

If there are more songs in your iTunes library than can fit on your iPhone, iTunes asks if you want to create a special playlist and set it to sync with iPhone. Then iTunes randomly fills the playlist. You can add or delete songs from the playlist and sync again. If you set iTunes to sync more songs, videos, and other content than can fit on iPhone, you can have iTunes automatically delete random content from iPhone to make room, or you can stop the sync and reconfigure your sync settings.

When you sync podcasts or audiobooks on iPhone with those on your computer, both iTunes and iPhone remember where you last left off and start playing from that position.

For information about using iTunes to get music and other media onto your computer, see "Syncing iPhone with Your Computer" on page 7.

## Transferring Purchased Content from iPhone to Another Authorized Computer

Music, video, and podcasts sync from your iTunes library to iPhone, but not from iPhone to your iTunes library. However, content you purchased using the iTunes Wi-Fi Music Store on iPhone is automatically copied to your iTunes library.

You can also transfer content on iPhone that was purchased using iTunes on one computer to an iTunes library on another authorized computer.

### Transfer content from iPhone to another computer

- Connect iPhone to the other computer. iTunes asks if you want to transfer purchased content. You can also connect iPhone and, in iTunes, choose File > Transfer Purchases. To play the content, the computer must be authorized to play content from your iTunes account.

## Supported Music and Video Formats

Only songs and videos encoded in formats that iPhone supports are transferred to iPhone. For information about which formats iPhone supports, see page 117.

## Converting Videos for iPhone

You can add videos other than those purchased from iTunes to iPhone, such as videos you create in iMovie on a Macintosh or videos you download from the Internet.

If you try to add a video from iTunes to iPhone and a message says the video can't play on iPhone, you can convert the video.

### Convert a video to work with iPhone

- Select the video in your iTunes library and choose Advanced > "Convert Selection for iPod." Then add the converted video to iPhone.

## Playing Music

The high-resolution multi-touch display makes listening to songs on iPhone as much a visual experience as a musical one. You can scroll through your playlists, or use Cover Flow to browse through your album art.

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

## Playing Songs, Audiobooks, and Podcasts

### Browse your collection

- Tap Playlists, Artists, or Songs. Tap More to browse Albums, Audiobooks, Compilations, Composers, Genres, or Podcasts.

## Play a song

- Tap the song.

## Controlling Song Playback

When you play a song, the Now Playing screen appears:



To	Do this
Pause a song	Tap <b>  </b> or click the mic button on the iPhone headset.
Resume playback	Tap <b>▶</b> or click the mic button on the iPhone headset.
Raise or lower the volume	Drag the volume slider or use the buttons on the side of iPhone.
Restart a song or a chapter in an audiobook or podcast	Tap <b>⏮</b> .
Skip to the next or previous song or chapter in an audiobook or podcast	Tap <b>⏮</b> twice to skip to the previous song. Tap <b>⏭</b> to skip to the next song, or click the mic button on the iPhone headset twice quickly.
Rewind or fast-forward	Touch and hold <b>⏮</b> or <b>⏭</b> .
Return to the iPod browse lists	Tap <b>⏪</b> . Or swipe to the right over the album cover.
Return to the Now Playing screen	Tap Now Playing.
See the tracks in your collection from the current album	Tap <b>⏸</b> . Tap any track to play it.
Display a song's lyrics	Tap the album cover when playing a song. (Lyrics appear only if you've added them to the song using the song's Info window in iTunes.)