

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.

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.

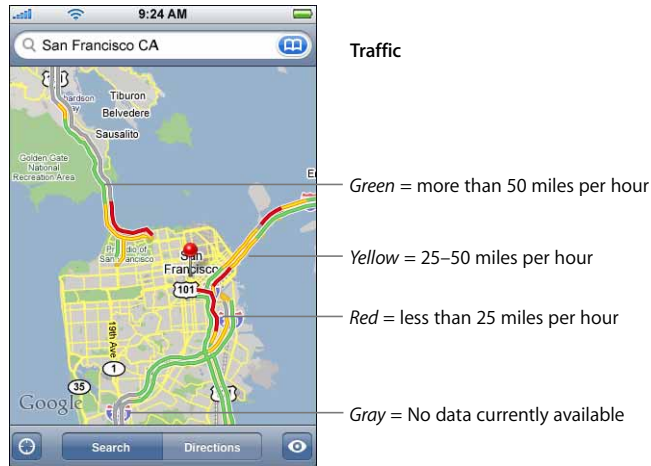


Show or hide traffic conditions

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.

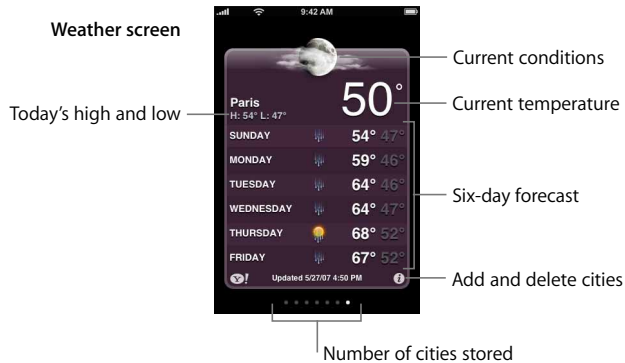
Tap the pin that marks a business to see its name or description.

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.

- *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.

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).

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.

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.

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.

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.

Adjust advanced settings

- Choose Mail > Accounts, choose an account, then do one of the following:
 - *To set whether drafts, sent messages, and deleted messages are stored on iPhone or remotely on your email server (IMAP accounts only),* tap Advanced and choose Drafts Mailbox, Sent Mailbox, or Deleted Mailbox.

If you store messages on iPhone, you can see them even when iPhone isn't connected to the Internet.
 - *To set when deleted messages are removed permanently from iPhone,* tap Advanced and tap Remove, then choose a time: Never, or after one day, one week, or one month.
 - *To adjust email server settings,* tap Host Name, User Name, or Password under Incoming Mail Server or Outgoing Mail Server. Ask your network administrator or Internet service provider for the correct settings.
 - *To adjust SSL and password settings,* tap Advanced. Ask your network administrator or Internet service provider for the correct settings.

Delete an email account from iPhone

- Choose Mail, tap an account, then scroll down and tap Delete Account.

Deleting an email account from iPhone doesn't delete it from your computer.

Settings for Email Messages

iPhone checks for and retrieves new email in your accounts whenever you open Mail. You can also set Mail to regularly check for email and download your messages even when you don't have Mail open.

Set whether iPhone checks for new messages automatically

- Choose Mail > Auto-Check, then tap Manual, "Every 15 minutes," "Every 30 minutes," or "Every hour."
- If you have a Yahoo! email account, email is instantly transferred to iPhone as it arrives at the Yahoo! server.

Set whether iPhone plays an alert sound when you have new email

- Choose Sound, then turn New Mail on or off.

Set the number of messages shown on iPhone

- Choose Mail > Show, then choose a setting. You can choose to see the most recent 25, 50, 75, 100, or 200 messages. To download additional messages when you're in Mail, scroll to the bottom of your inbox and tap "Download . . . more."

Set how many lines of each message are previewed in the message list

- Choose Mail > Preview, then choose a setting. You can choose to see anywhere from zero to five lines of each message. That way, you can scan a list of messages in a mailbox and get an idea of what each message is about.

Call Forwarding

You can set iPhone to forward incoming calls to another number. You may, for example, be on vacation and want all calls to go somewhere else. If you're going to an area with no cell coverage, you may want to forward calls to a place where you can be reached.

Set iPhone to forward your calls

- 1 Choose Phone > Call Forwarding and turn Call Forwarding on.
- 2 Tap Forwarding To and enter the phone number you want calls forwarded to.

You must be in range of the cell network when you set iPhone to forward calls, or calls won't be forwarded.

Call Waiting

Activate or deactivate call waiting

- Choose Phone > Call Waiting, then turn Call Waiting on or off. If you turn call waiting off and someone calls you when you're already on the phone, the call goes to voicemail.

Show My Caller ID

Show or hide your caller ID

- Choose Phone > Show My Caller ID, then turn Show My Caller ID on or off.

If Show My Caller ID is off, people you call can't see your name or phone number on their phone.

Using iPhone with a Teletype (TTY) Machine

In some regions, Teletype (TTY) machines are used by deaf or hearing-impaired people to communicate by typing and reading text. If you have the iPhone TTY Adapter cable, available at www.apple.com/store, you can use iPhone with a TTY machine.

Connect iPhone to a TTY machine

- Choose Phone, then turn TTY on. Then connect iPhone to your TTY machine using the adapter cable.

For information about using a TTY machine, see the documentation that came with the machine.

For more information about other accessibility features of iPhone, go to: www.apple.com/accessibility

Changing Your Voicemail Password

A voicemail password helps prevent others from access your voicemail. You only need to enter the password when you're calling in to get your messages from another phone. You won't need to enter the password when using voicemail on iPhone.

Change the voicemail password

- Choose Phone > Change Voicemail Password.

Security Settings

By default, Safari is set to show some of the features of the web, like some movies, animation, and web applications. You may wish to turn off some of these features to help protect iPhone from possible security risks on the Internet.

Change security settings

- Choose Safari, then do one of the following:
 - *To enable or disable JavaScript*, turn JavaScript on or off.
JavaScript lets web programmers control elements of the page—for example, a page that uses JavaScript might display the current date and time or cause a linked page to appear in a new pop-up page.
 - *To enable or disable plug-ins*, turn Plug-ins on or off. Plug-ins allow Safari to play some types of audio and video files and to display Microsoft Word files and Microsoft Excel documents.
 - *To block or allow pop-ups*, turn Block Pop-ups on or off. Blocking pop-ups stops only pop-ups that appear when you close a page or open a page by typing its address. It doesn't block pop-ups that open when you click a link.
 - *To set whether Safari accepts cookies*, tap Accept Cookies and choose Never, "From visited," or Always.
A cookie is a piece of information that a website puts on iPhone so the website can remember you when you visit again. That way, webpages can be customized for you based on information you may have provided.
Some pages won't work correctly unless iPhone is set to accept cookies.
 - *To clear the history of webpages you've visited*, tap Clear History.
 - *To clear all cookies from Safari*, tap Clear Cookies.
 - *To clear the browser cache*, tap Clear Cache.
The browser cache stores the content of pages so the pages open faster the next time you visit them. If a page you open isn't showing new content, clearing the cache may help.

Developer Settings

The Debug Console can help you resolve webpage errors. When turned on, the console appears automatically when a webpage error occurs.

Turn the debug console on or off

Choose Safari > Developer, and turn Debug Console on or off.

iPod

Use iPod Settings to adjust settings for music and video playback on your iPod.

TV Out Settings

Use these settings to set up how iPhone plays videos on your TV. For more information about using iPhone to play videos on your TV, see page 65.

Turn widescreen on or off

- Choose Video and turn Widescreen on or off.

Set TV signal to NTSC or PAL

- Choose Video > TV Signal and select NTSC or PAL.

NTSC and PAL are TV broadcast standards. NTSC displays 480i and PAL displays 576i. Your TV might use either of these, depending on where it was sold. If you're not sure which to use, check the documentation that came with your TV.

Photos

Use Photos settings to specify how slideshows display your photos.

Set the length of time each slide is shown

- Choose Photos > Play Each Slide For and select the length of time.

Set transition effect

- Choose Photos > Transition and select the transition effect.

Set whether to repeat slideshows

- Choose Photos and turn Repeat on or off.

Set photos to appear randomly or in order

- Choose Photos and turn Shuffle on or off.

Restoring or Transferring Your iPhone Settings

When you connect iPhone to your computer, settings on iPhone are automatically backed up to your computer. You can restore this information if you need to—if you get a new iPhone, for example, and want to transfer your previous settings to it. You may also want to reset the information on iPhone if you're having trouble connecting to a Wi-Fi network.

Automatically backed-up information includes text messages, notes, call history, contact favorites, sound settings, certain network settings, and other preferences.

Tap iTunes to purchase songs and albums from the iTunes Wi-Fi Music Store.



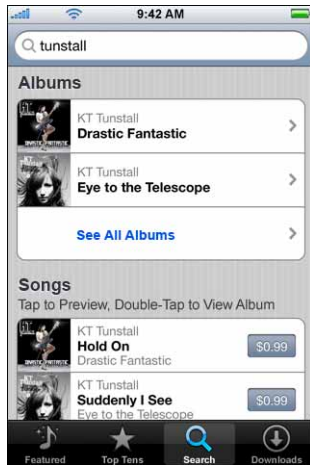
You can search for, browse, preview, purchase, and download songs and albums from the iTunes Wi-Fi Music Store directly to iPhone. Your purchased content is automatically copied to your iTunes library the next time you sync iPhone with your computer.

To use the iTunes Wi-Fi Music Store, iPhone must join a Wi-Fi network that is connected to the Internet. For information about joining a Wi-Fi network, see page 25. You'll also need an iTunes Store account to purchase songs over Wi-Fi (available in some countries). If you don't already have an iTunes Store account, open iTunes and choose Store > Account to set one up.

Note: You cannot access the iTunes Wi-Fi Music Store over a cellular network. If you attempt to access the iTunes Wi-Fi Music Store without joining a Wi-Fi network, an error message appears.

Search for songs and albums

- Tap Search, tap the search field and enter one or more words, then tap Search.



See the songs on an album

- Tap the album.

See the album a song is on

- Double-tap the song.

Purchase and download a song or album

- 1 Tap the price, then tap Buy Now.

Note: To purchase songs on iPhone, you must have been signed in to your iTunes Store account in iTunes the last time you synced iPhone.

- 2 Enter your password and tap OK.

Your purchase is charged to your iTunes Store account. For additional purchases made within the next fifteen minutes, you don't have to enter your password again.

An alert appears if you've previously purchased one or more songs from an album. Tap Buy if you want to purchase the entire album including the songs you've already purchased, or tap Cancel if you want to purchase the remaining songs individually.

Note: Some albums include bonus content, which is downloaded to your iTunes library on your computer. Not all bonus content is downloaded directly to iPhone.

See the status of downloading songs and albums

- Tap Downloads.

To pause a download, tap II.

If you need to turn off iPhone or leave the area of your Wi-Fi connection, don't worry about interrupting the download. iPhone starts the download again the next time iPhone joins a Wi-Fi network with an Internet connection. Or if you open iTunes on your computer, iTunes completes the download to your iTunes library.

Purchased songs are added to a Purchased playlist on iPhone. If you delete the Purchased playlist, iTunes creates a new one when you buy an item from the iTunes Wi-Fi Music Store.

Syncing Purchased Content

iTunes automatically syncs songs and albums you've purchased on iPhone to your iTunes library when you connect iPhone to your computer. This lets you listen to the purchases on your computer and provides a backup if you delete purchases from iPhone. The songs are synced to the "Purchased on <name of your iPhone>" playlist. iTunes creates the playlist if it doesn't exist.

iTunes also copies your purchases to the Purchased playlist that iTunes uses for purchases you make on your computer, if that playlist exists and is set to sync with iPhone.

Most problems with iPhone can be solved quickly by following the advice in this chapter.

General Suggestions

If the screen shows a low-battery image

iPhone is low on power and needs to charge for up to ten minutes before you can use it. For information about charging iPhone, see “Charging the Battery” on page 27.



If iPhone doesn't appear in iTunes or you can't sync iPhone

- The iPhone battery might need to be recharged. For information about charging iPhone, see “Charging the Battery” on page 27.
- Disconnect other USB devices from your computer and connect iPhone to a different USB 2.0 port on your computer (not on your keyboard).
- Turn iPhone off and back on again. Press and hold the Sleep/Wake button on top of iPhone for a few seconds until a red slider appears, then drag the slider. Then press and hold the Sleep/Wake button until the Apple logo appears. Tap Unlock and enter your SIM's PIN if the SIM is locked.

Note: If you enter the PIN incorrectly three times, you may need to contact your carrier for a Personal Unlocking Key (PUK) to enable your SIM card again.

- Restart your computer and reconnect iPhone to your computer.


If iPhone continues to freeze or not respond after you reset it

- Reset iPhone settings. From the Home screen choose Settings > General > Reset > Reset All Settings. All your preferences are reset, but no data or media is deleted.
- If that doesn't work, erase all content on iPhone. From the Home screen choose Settings > General > Reset > "Erase All Content and Settings." All your preferences and other data are removed from iPhone.
- If that doesn't work, restore the iPhone software. See "Updating and Restoring iPhone Software" on page 120.

If iPhone isn't playing sound

- Unplug and reconnect the headset. Make sure the connector is pushed in all the way.
- Make sure the volume isn't turned down all the way.
- Music on iPhone might be paused. Try clicking the mic button on the headset to resume playback. Or from the Home screen tap iPod, tap Now Playing, then tap ►.
- Check to see if a volume limit is set. From the Home screen choose Settings > iPod > Volume Limit. For more information, see page 105.
- Make sure you are using the latest version of iTunes (go to www.apple.com/itunes).
- If you are using the dock's line out port, make sure your external speakers or stereo are turned on and working properly.

If clicking the mic button on the headset doesn't resume music playback

iPhone goes to sleep after music has been paused for five minutes. Press the Home  or Sleep/Wake button to wake up iPhone.

If your headset or headphones don't fit in the iPhone headset jack

iPhone supports third-party headsets and headphones with a standard 3.5 millimeter stereo miniplug. Some of these may not connect properly to iPhone because the plug body is too large to fit in the jack inset. Third-party adapters may be available.

If iPhone shows a message saying "This accessory is not made to work with iPhone"

If you connect iPhone to an accessory not specifically made for it, iPhone may ask if you want to turn on airplane mode. This is to eliminate radio interference from cellular signals coming from iPhone. You may be able to use iPhone with the accessory whether or not you turn on airplane mode. However, the accessory may not charge iPhone.

If you turn on airplane mode, you won't be able to make calls, send or receive text messages, access the Internet, or use Bluetooth devices with iPhone until you disconnect iPhone from the accessory or turn off airplane mode.

If iPhone shows a message saying "This accessory is not supported by iPhone"

The accessory you attached will not work with iPhone.

If email couldn't be delivered because the connection to the server on port 25 timed out

You may need to change the port setting on an outgoing mail server for one of your email accounts. For information, go to www.apple.com/support/iphone and search for "I can receive email on iPhone but can't send it."

If you entered information on iPhone that you don't want to sync to your computer

Replace contacts, calendars, mail accounts, or bookmarks on iPhone with information from your computer.

- 1 Open iTunes.
- 2 As you connect iPhone to your computer, press and hold Command-Option (if you're using a Mac) or Shift-Control (if you're using a PC) until you see iPhone in the iTunes Source pane. This prevents iPhone from syncing automatically.
- 3 Select iPhone in the iTunes Source pane and click the Info tab.
- 4 Under "Replace information on this iPhone," select Contacts, Calendars, Mail Accounts, or Bookmarks. You can select more than one, if you like.
- 5 Click Apply.

Information of the selected type is erased from iPhone and replaced with what's on your computer. The next time you sync, iPhone syncs normally, adding information you've entered on iPhone to your computer, and vice versa.

If you can't sync with Yahoo! Address Book

iTunes may not be able to connect with Yahoo!. Make sure you are connected to the Internet, and that you've entered the correct Yahoo! ID and password in iTunes. Connect iPhone to your computer, click the Info tab in iTunes, click Configure in the Contacts section, then enter your current Yahoo! ID and password.

If contacts you deleted on iPhone or your computer are not removed from Yahoo! Address Book after syncing

Yahoo! Address Book does not allow contacts containing a Messenger ID to be deleted through syncing. To delete a contact containing a Messenger ID, log in to your Yahoo! account online and delete the contact using Yahoo! Address Book.

If you can't access the iTunes Wi-Fi Music Store

To use the iTunes Wi-Fi Music Store, iPhone must join a Wi-Fi network that is connected to the Internet. For information about joining a Wi-Fi network, see page 25. The iTunes Wi-Fi Music Store is not available in all countries.

Updating and Restoring iPhone Software

You can use iTunes to update or restore iPhone software. You should always update iPhone to use the latest software. You can also restore the software, which returns iPhone to its original state.

- *If you update*, the iPhone software is updated but your settings and songs are not affected.
- *If you restore*, all data is erased from iPhone, including songs, videos, contacts, photos, calendar information, and any other data. All iPhone settings are restored to their original state.

Update or restore iPhone

- 1 Make sure you have an Internet connection and have installed the latest version of iTunes from www.apple.com/itunes.
- 2 Connect iPhone to your computer.
- 3 In iTunes, select iPhone in the Source pane and click the Summary tab.
- 4 Click “Check for Update.” iTunes tells you if there’s a newer version of the iPhone software available.
- 5 Click Update to install the latest version of the software. Or click Restore to restore iPhone to its original settings and erase all data on iPhone. Follow the onscreen instructions to complete the restore process.

Using iPhone Accessibility Features

The following features may make it easier for you to use iPhone if you have a disability.

TTY support (available in some areas)

Use iPhone in TTY mode with the iPhone TTY Adapter (available separately) to use a Teletype (TTY) machine. See “Using iPhone with a Teletype (TTY) Machine” on page 102.

Closed captioning

When available, you can turn on closed captioning for videos. See “Turn closed captioning on or off” on page 105.

Minimum font size for Mail messages

Set a minimum font size for Mail message text to Large, Extra Large, or Giant to increase readability. See “Set a minimum font size for messages” on page 101.

Large keypad

Make phone calls simply by tapping entries in your contacts and favorites lists. When you need to dial a number, iPhone’s large numeric keypad makes it easy. See “Dial a call” on page 30.

There’s more information about using iPhone,
in onscreen help and on the web.

The following table describes where to get more iPhone-related software and service information.

| To learn about | Do this |
|--|--|
| Using iPhone safely | Go to www.apple.com/support/manuals/iphone for the latest <i>Important Product Information Guide</i> , including any updates to the safety and regulatory information. |
| iPhone Service and support, tips, forums, and Apple software downloads | Go to www.apple.com/support/iphone . |
| Service and support for your carrier | Contact your carrier or go to your carrier’s website. |
| The latest information about iPhone | Go to www.apple.com/iphone . |
| Using iTunes | Open iTunes and choose Help > iTunes Help. For an online iTunes tutorial (available in some areas only), go to www.apple.com/support/itunes . |
| Using iPhoto on Mac OS X | Open iPhoto and choose Help > iPhoto Help. |
| Using Address Book on Mac OS X | Open Address Book and choose Help > Address Book Help. |
| Using iCal on Mac OS X | Open iCal and choose Help > iCal Help. |
| Microsoft Outlook, Windows Address Book, Adobe Photoshop Album, and Adobe Photoshop Elements | See the documentation that came with those applications. |
| Finding your iPhone serial number | Look at the back of your iPhone or choose Settings > General > About from the Home screen. |
| Obtaining warranty service | First follow the advice in this guide and online resources. Then go to www.apple.com/support or see the <i>Important Product Information Guide</i> that comes with iPhone. |

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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 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
- 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

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.
- 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.

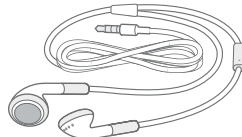
When iPhone is syncing with your computer, iPhone shows “Sync in progress.” If you disconnect iPhone before it finishes syncing, some data may not get transferred.

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





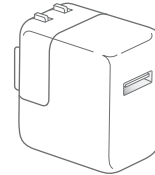
Stereo headset



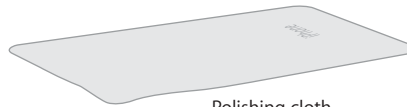
Dock connector to USB cable



Dock



USB power adapter



Polishing cloth

| Item | What you can do with it |
|------------------------------------|--|
| Stereo headset | 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. |
| Dock | <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> |
| Dock connector to USB cable | 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. |
| USB power adapter | Connect the power adapter to iPhone using the included cable, then plug it into a standard power outlet to charge iPhone. |
| Polishing cloth | Wipe the iPhone screen. |
| SIM eject tool | 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 |
|--|---|
|  Cell signal | 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." |
|  Airplane Mode | 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. |
|  Wi-Fi | Shows that iPhone is connected to the Internet over a Wi-Fi network. The more bars, the stronger the connection. See page 24. |
|  EDGE | Shows that your carrier's EDGE network is available, and iPhone can connect to the Internet over EDGE. See page 25. |
|  GPRS | Shows that your carrier's GPRS network is available, and iPhone can connect to the Internet over GPRS. See page 25. |
|  Lock | Shows that iPhone is locked. See page 17. |
|  Play | Shows that a song is playing. See page 60. |
|  Alarm | Shows that an alarm is set. See page 87. |
|  Bluetooth | <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. |
|  Bluetooth Headset battery indicator | Shows battery level for the iPhone Bluetooth Headset when it's connected. |
|  Battery | 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:

| | |
|---|--|
|  Phone | 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. |
|  Mail | 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.¹ 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.²



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.

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.



iPhone

User's Guide

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