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iPhone
User Guide
For iPhone OS 3.1 Software

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Getting Started

1

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

Viewing the User Guide on iPhone

The *iPhone User Guide,* optimized for viewing on iPhone, is available at help.apple.com/iphone.

View the guide on iPhone: In Safari, tap 🕮, then tap the *iPhone User Guide* bookmark.

Add an icon for the guide to the Home screen: When viewing the guide, tap +, then tap "Add to Home Screen."

The *iPhone User Guide* is available in many languages.

View the guide in a different language: Tap "Change Language" at the bottom of the screen on the main contents page, then choose the language you want.

What You Need

To use iPhone, you need:

- A wireless service plan with a 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 10.4.11 or later; version 10.5.7 or later is required for syncing Notes and for using iPhone as a modem
  - Windows XP Home or Professional with Service Pack 3 or later
  - Windows Vista Home Premium, Business, Enterprise, or Ultimate edition
- Display resolution on your computer set to 1024 x 768 or higher
- iTunes 8.2 or later, available at www.itunes.com/download (iTunes 9 or later required for certain features)
- QuickTime 7.6.2 or later (for playing videos recorded by iPhone 3GS on your computer)

- An iTunes Store account (for purchases from the iTunes Store or App Store)
- An Internet connection for your computer (broadband recommended)

Activating iPhone

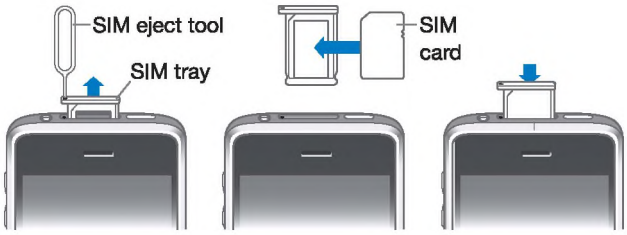
Before you can use any of iPhone's features, you must activate iPhone by signing up for a service plan with an iPhone service carrier in your area and registering iPhone with the network.

Your iPhone may have been activated at the time of purchase. If it isn't activated, contact your iPhone retailer or cellular service provider.

For more information about iPhone, go to www.apple.com/iphone.

Installing the SIM Card

If your SIM card was not preinstalled, you must install the SIM card before you can use iPhone.



Install the SIM card:

1. Insert the end of the SIM eject tool into the hole on the SIM tray.

   Press firmly and push it straight in until the tray pops out. If you don't have a SIM eject tool, you can use the end of a paper clip.

2. Pull out the SIM tray and place the SIM card in the tray.

   The angled corner of the SIM ensures that the card fits only the correct way in the tray.

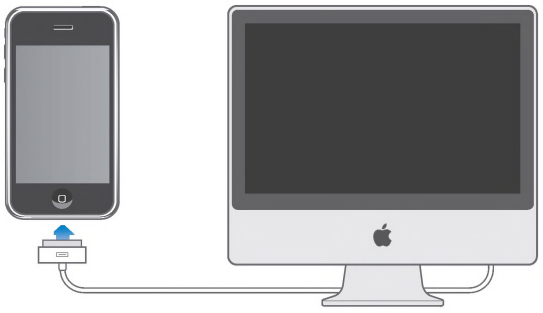
3. With the tray aligned as shown, carefully replace the SIM tray containing the SIM card in iPhone.

Registering iPhone

Registering iPhone with iTunes enables iTunes to identify your iPhone when it's connected to your computer and help you manage its contents. You can then sync information with your computer and media from iTunes, and create backups of iPhone's contents and settings. You can create an iTunes Store account, or specify an existing account, to enable purchases with iPhone. iTunes also records iPhone's serial number in the event you need it for service or in case of loss.

Register iPhone:

1. Download and install the latest version of iTunes from www.itunes.com/download.
2. Connect iPhone to a USB 2.0 port on your Mac or PC using the cable that came with iPhone.



3. Follow the onscreen instructions in iTunes to register iPhone and sync iPhone with your contacts, calendars, and bookmarks on your computer, and with music, video, and other content from your iTunes library.

   In the Set Up Your iPhone screen, select "Automatically sync contacts, calendars and bookmarks" to configure those items to sync automatically when you connect iPhone to your computer. You can also customize your sync settings in iTunes. See the following section.

Setting Up iPhone Using VoiceOver

If you're visually impaired, VoiceOver (available only on iPhone 3GS) can help you set up iPhone without a sighted assistant. VoiceOver describes aloud what appears on the screen, so you can use iPhone without seeing it. When you connect iPhone to your computer, iTunes detects whether you're using a compatible screen reader on your computer, such as VoiceOver on a Mac or GW Micro Window-Eyes on a PC, and automatically enables VoiceOver on iPhone. A sighted user can also enable VoiceOver on iPhone for you, using Accessibility settings. See "Using VoiceOver" on page 187.

Note: VoiceOver isn't available in all languages.

Syncing

With iPhone, you can have easy access to important information on your computer, including your contacts, calendars, and even your browser bookmarks, as well as to music, video, and other content in your iTunes library.

About Syncing

Syncing copies information and content between iPhone and your computer, keeping it current and up-to-date, whether you make changes on iPhone or on your computer.

iTunes lets you specify the information and content on your computer that you want to sync with iPhone. By default, iTunes syncs automatically with iPhone whenever you connect iPhone to your computer.

You can also set up iPhone to sync your MobileMe and Microsoft Exchange accounts, over the air. See "Mail, Contacts, and Calendar Accounts" on page 16.

Syncing with iTunes

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

- Contacts—names, phone numbers, addresses, email addresses, and more
- Calendars—appointments and events
- Email account settings
- Webpage bookmarks
- Notes (requires Mac OS X version 10.5.7 or later on a Mac, or Microsoft Outlook 2003 or 2007 on a PC)
- Ringtones
- Music and audiobooks
- Photos and videos (in your computer's photo application or folder)
- iTunes U collections
- Podcasts
- Movies, TV shows, and music videos
- Applications downloaded from the iTunes Store

You can adjust sync settings whenever iPhone is connected to your computer.

Ringtones, music, audiobooks, podcasts, iTunes U collections, videos, and applications can be 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 preview and download content 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, notes, and webpage bookmarks are synced with applications on your computer, as described in the following section. 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. Notes and webpage bookmarks are also synced both ways. Photos and videos (Mac only) can be synced from an application or from a folder.

Email account settings are synced only 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.

Note: You can also set up email accounts directly on iPhone. See "Mail, Contacts, and Calendar Accounts."

Purchases you make on iPhone in the iTunes Store or the App Store are synced back to your iTunes library. You can also purchase or download content and applications directly from the iTunes Store on your computer, and then sync them to iPhone.

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.

Important: You should be logged in to your own computer user account before connecting iPhone.

Set up iTunes syncing:

1. Connect iPhone to your computer, and open iTunes (if it doesn't open automatically).
2. In iTunes, select iPhone in the sidebar.
3. Configure the sync settings in each of the settings panes.

   See the following section for descriptions of the panes.
4. Click Apply in the lower-right corner of the screen.

   By default, "Automatically sync when this iPhone is connected" is selected.

iPhone Settings Panes in iTunes

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 "Preventing Automatic Syncing" on page 15.

Select "Sync only checked songs and videos" if you want iTunes to skip unchecked items in your iTunes library when syncing.

Select "Manually manage music and videos" to turn off automatic syncing in the Music and Video settings panes. See "Manually Managing Content" on page 72.

Select "Encrypt iPhone backup" if you want to encrypt the information stored on your computer when iTunes makes a backup. Encrypted backups are indicated by a padlock icon, and a password is required to restore the information to iPhone. See "Backing Up iPhone" on page 202.

Click Configure Universal Access to turn on Accessibility features (available only on iPhone 3GS). See Chapter 25, "Accessibility," on page 182.

Info Pane

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

- Contacts

  Sync contacts with applications such as Mac OS X Address Book, Yahoo! Address Book, and Google Contacts on a Mac, or with Yahoo! Address Book, Google Contacts, Windows Address Book (Outlook Express), Windows Vista Contacts, 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.

- Calendars

  Sync calendars from applications such as iCal 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

  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 transferred only 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, so it can't be synced and must be entered on iPhone. In Settings, choose "Mail, Contacts, Calendars," tap your Yahoo! account, and enter the password.

- Web Browser

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

- Notes

  Sync notes in the Notes application on iPhone with notes in Mail on a Mac or with Microsoft Outlook 2003 or 2007 on a PC. (On a Mac, you must have Mac OS version 10.5.7 or later installed to sync notes.)

- Advanced

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

Applications Pane
Use the Applications pane to specify which App Store applications to sync on iPhone, or to arrange your Home screen (requires iTunes 9 or later). Any applications downloaded directly to iPhone are automatically backed up to your iTunes library when you sync. If you manually delete an application on iPhone, you can reinstall it from this pane as long as it was previously synced.

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

Music, Movies, TV Shows, Podcasts, and iTunes U Panes
Use these panes to specify the media you want to sync. You can sync all music, movies, TV shows, podcasts, and iTunes U collections, or select the content you want on iPhone.

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

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

Note: The iTunes U pane appears only in iTunes 9 or later. In earlier versions of iTunes, iTunes U content appeared in the Podcasts pane.

Photos Pane
You can sync photos and videos (Mac only, iTunes 9 required) with iPhoto 4.0.3 or later, or Aperture on a Mac; or with Adobe Photoshop Elements 3.0 or later on a PC. You can also sync photos and videos in any folder on your computer that contains images.

Preventing Automatic Syncing

You can 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. In iTunes, select iPhone in the sidebar, then click the Summary tab. Deselect "Automatically sync when this iPhone is connected." You can still sync by clicking the Sync button.

Prevent automatic syncing for all iPhones and iPods: In iTunes choose iTunes > Preferences (on a Mac) or Edit > Preferences (on a PC), click Devices, and select "Disable automatic syncing for all iPhones and iPods."

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 settings: Open iTunes, connect iPhone to your computer, then press and hold Command-Option (on a Mac) or Shift-Control (on a PC) until you see iPhone appear in the sidebar.

Sync manually: In iTunes, select iPhone in the sidebar, then click Sync in the bottom-right corner of the window. Or, if you've changed any sync settings, click Apply.

Mail, Contacts, and Calendar Accounts

iPhone works with MobileMe, Microsoft Exchange, and many of the most popular email systems.

Setting Up Accounts

MobileMe and Microsoft Exchange provide not only email, but contact and calendar information that can be synced to iPhone automatically, over the air. MobileMe can also sync your bookmarks on iPhone with Safari on a Mac, or with Safari or Microsoft Internet Explorer on a PC. You set up MobileMe, Exchange, and other email accounts directly on iPhone.

iPhone uses the Exchange ActiveSync protocol to sync email, calendars, and contacts with the following versions of Microsoft Exchange:

- Exchange Server 2003 Service Pack 2
- Exchange Server 2007 Service Pack 1

For many popular email accounts, iPhone automatically enters most of the settings for you.

If you don't already have an email account, you can get a free account online at www.yahoo.com, www.google.com, or www.aol.com. You can also try MobileMe, free for 60 days. Go to www.me.com.

Set up an account on iPhone:

1. From the iPhone Home screen, tap Settings.
2. Tap "Mail, Contacts, Calendars," then tap Add Account.
3. Tap an account type:
   - Microsoft Exchange
   - MobileMe
   - Google email

- Yahoo! Mail
- AOL
- Other

4 Enter your account information and tap Save.

Your service provider or system administrator can provide the account settings you need.

Exchange accounts: Enter your complete email address, domain (optional), user name, password, and a description. The description can be whatever you like.

iPhone supports Microsoft's Autodiscovery service, which uses your user name and password to determine the address of the Exchange server. If the server's address can't be determined, you're asked to enter it. (Enter the complete address in the Server field.) Once you connect to the Exchange server, you may be prompted to change your passcode to match the policies set on the server.

5 If you're setting up a MobileMe or Microsoft Exchange account, tap the items you want to use on iPhone—mail, contacts, calendars, and bookmarks (MobileMe only).

MobileMe includes the Find My iPhone feature that helps you locate iPhone if it's been lost or stolen, and remotely lock, set a passcode, or erase the information on iPhone if necessary. See "Security Features" on page 45.

If you enable Find My iPhone for your MobileMe account, make sure that Push is turned on for Fetch New Data. In Settings, choose "Mail, Contacts, Calendars" > Fetch New Data, and if Push is off, tap to turn it on.

For Exchange accounts, you can set how many days of email you want to sync to iPhone.

If you already have contact or calendar information on iPhone when you enable the account, iPhone asks what you want to do with existing information on iPhone. You can choose to merge the existing data into your MobileMe or Exchange account. If you don't merge the data, you can choose to keep it in a separate account on iPhone (the account is labeled "On My iPhone"), or delete it. Existing bookmarks can only be merged or deleted.

Similarly, when you disable contacts or calendars in an MobileMe or Exchange account, or if you delete an account, iPhone asks if you want to keep information or delete it.

You can add contacts using an LDAP account if your company or organization supports it. See "Adding Contacts" on page 176.

You can subscribe to CalDAV or iCal (.ics) calendars. See "Subscribing to and Sharing Calendars" on page 93.

Push Accounts

MobileMe, Microsoft Exchange, and Yahoo! Mail are known as "push" accounts. When new information is available, such as the arrival of an email message, the information is automatically delivered (pushed) to iPhone. (In contrast, "fetch" services require your email software to periodically check with your service provider to see if new messages have arrived, and then request them to be delivered.) MobileMe and Exchange also use push to sync your contacts, calendars, and bookmarks (MobileMe only) if you have those items selected in the account settings.

Synced information is transferred automatically over your wireless connection; you don't need to connect iPhone to your computer to sync. If you don't have a cellular connection, iPhone can receive pushed data over a Wi-Fi connection when iPhone is awake (the screen is on, or iPhone is connected to your computer or a power adapter).

Installing Configuration Profiles

If you're in an enterprise environment, you may be able to set up accounts and other items on iPhone by installing a configuration profile. Configuration profiles provide a way for system administrators to quickly set up your iPhone to work with the information systems at your company, school, or organization. For example, a configuration profile might set up your iPhone to access the Microsoft Exchange servers at work, enabling iPhone to access your Exchange email, calendars, and contacts.

Configuration profiles can configure multiple settings on iPhone all at once. For example, a configuration profile can set up your Microsoft Exchange account, VPN account, and certificates for secure access to your company's network and information. A configuration profile may turn on the Passcode Lock, requiring you to create and enter a passcode for using iPhone.

Your system administrator may distribute configuration profiles by email or by putting them on a secure webpage. A system administrator may also install a configuration profile directly on iPhone for you.

Install a configuration profile:

1. Using iPhone, open the email message or download the configuration profile from the website provided by your system administrator.
2. When the configuration profile opens, tap Install.
3. Enter passwords and other information as requested.

Important: You may be asked to verify that the configuration profile is trusted. If in doubt, consult your system administrator before installing a configuration profile.

Settings provided by a configuration profile cannot be altered. If you want to change these settings, you must first remove the configuration profile or install an updated configuration profile.

Remove a profile: In Settings, choose General > Profile, then select the configuration profile and tap Remove.

Removing a configuration profile deletes the settings and all other information installed by the configuration profile from iPhone.

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."

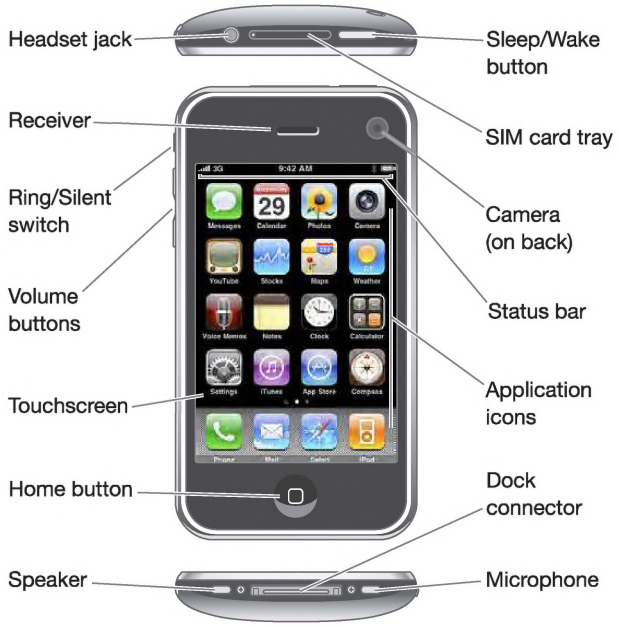
Cancel a sync: Drag the slider on iPhone.

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.

Basics

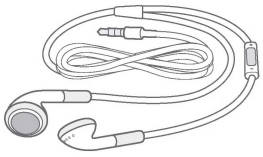
2

iPhone at a Glance

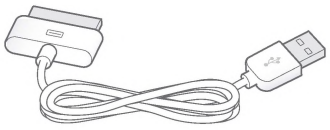


Your Home screen may look different, depending on the model of iPhone you have and whether you have rearranged its icons.

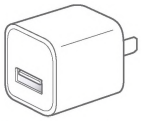
iPhone Included Accessories



Stereo headset



Dock Connector to USB Cable



USB power adapter



SIM eject tool

Item	What you can do with it
Apple Earphones with Remote and Mic (iPhone 3GS) **iPhone Stereo Headset (iPhone 3G)**	Listen to music, videos, and phone calls. Use the built-in microphone to talk. Press the center button to answer or end a call. When listening to iPod, press the button once to play or pause a song, or press twice quickly to skip to the next track. Use the + and – buttons to adjust the volume (iPhone 3GS only). Press and hold the center button to use Voice Control (iPhone 3GS only).
Dock Connector to USB Cable	Use the cable to connect iPhone to your computer to sync and charge. The cable can be used with the optional 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.
SIM eject tool	Eject the SIM card.

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 cellular 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 "Airplane Mode" on page 138.
3G	**3G**	Shows that your carrier's 3G network is available, and iPhone can connect to the Internet over 3G. Available on iPhone 3G or later. See "How iPhone Connects to the Internet" on page 40.

Status icon		What it means
E	EDGE	Shows that your carrier's EDGE network is available, and iPhone can connect to the Internet over EDGE. See "How iPhone Connects to the Internet" on page 40.
°	GPRS	Shows that your carrier's GPRS network is available, and iPhone can connect to the Internet over GPRS. See "How iPhone Connects to the Internet" on page 40.
	Wi-Fi	Shows that iPhone is connected to the Internet over a Wi-Fi network. The more bars, the stronger the connection. See "Joining a Wi-Fi Network" on page 41.
	Network activity	Shows over-the-air syncing or other network activity. Some third-party applications may also use this icon to indicate an active process.
	Call Forwarding	Shows that Call Forwarding is set up on iPhone. See "Call Forwarding" on page 154.
VPN	VPN	Shows that you're connected to a network using VPN. See "Network" on page 143.
	Lock	Shows that iPhone is locked. See "Sleep/Wake Button" on page 26.
	TTY	Shows that iPhone is set to work with a TTY machine. See "Using iPhone with a Teletype (TTY) Machine" on page 154.
	Play	Shows that a song, audiobook, or podcast is playing. See "Playing Songs" on page 73.
	Alarm	Shows that an alarm is set. See "Alarms" on page 133.
	Bluetooth	*Blue or white icon:* Bluetooth is on and a device, such as a headset or car kit, is connected. *Gray icon:* Bluetooth is on, but no device is connected. *No icon:* Bluetooth is turned off. See "Bluetooth Devices" on page 55.
	Battery	Shows battery level or charging status. See "Battery" on page 43.

Home Screen

Press the Home ▢ button at any time to go to the Home screen, which contains 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. Dial manually using the numeric keypad. Or just use voice dialing. Visual voicemail presents a list of your voicemail messages. Just tap to listen to any message you want, in any order you want.
 **Mail**	iPhone works with MobileMe, Microsoft Exchange, and many of the most popular email systems—including Yahoo! Mail, Google email, and AOL—as well as most industry-standard POP3 and IMAP email systems. View PDFs and other attachments within Mail. Save attached photos and graphics to your Camera Roll album.
 **Safari**	Browse websites 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 the webpage column to the iPhone screen for easy reading. Open multiple pages. Sync bookmarks with Safari or Microsoft Internet Explorer on your computer. Add Safari web clips to the Home screen for fast access to favorite websites. Save images from websites to your Photo Library.
 **iPod**	Listen to your songs, audiobooks, and podcasts. Create on-the-go playlists, or use Genius to create playlists for you. Listen to Genius Mixes of songs from your library. Watch movies and video podcasts in widescreen.
 **Messages**	Send and receive SMS text messages. Conversations are saved in an iChat-like presentation, so you can see a history of messages you've sent and received. Send photos, video clips (iPhone 3GS only), contact information, and voice memos to MMS devices (iPhone 3G or later).
 **Calendar**	View and search your MobileMe, iCal, Microsoft Entourage, Microsoft Outlook, or Microsoft Exchange calendars. Enter events on iPhone and they get synced back to the calendar on your computer. Subscribe to calendars. Set alerts to remind you of events, appointments, and deadlines.
 **Photos**	View photos and videos (iPhone 3GS only) you've taken with iPhone, received in Mail or MMS (iPhone 3GS only) messages, or synced from your computer's photo application. (Video syncing on Macs only.) View them in portrait or landscape orientation. Zoom in on photos for a closer look. Watch a slideshow. Email photos and videos, send them in MMS messages (iPhone 3G or later), or publish them to MobileMe galleries. Assign images to contacts, and use them as wallpaper.

 Camera	Take photos, and record videos (iPhone 3GS only). View them on iPhone, email them, send them in an MMS message (iPhone 3G or later), or upload them to your computer. Trim and save video clips. Upload videos directly to YouTube. Take a friend's picture and set iPhone to display it when that person calls you.
 YouTube	Play videos from YouTube's online collection. Search for any video, or browse featured, most viewed, most recently updated, and top-rated videos. Set up and log in to your YouTube account—then rate videos, sync your favorites, show subscriptions, and more. Upload your own videos taken with iPhone.
 Stocks	Watch your favorite stocks, updated automatically from the Internet. View company news and current trading information, such as opening or average price, trading volume, or market capitalization. Rotate iPhone to see detailed charts in landscape orientation. Drag your finger along the charts to track price points, or use two fingers to see a range between points.
 Maps	See a street map, satellite view, or hybrid view of locations around the world. Zoom in for a closer look, or check out the Google Street View. Find and track your current (approximate) location. See which way you're facing (iPhone 3GS only, using its built-in compass). Get detailed driving, public transit, or walking directions and see current highway traffic conditions. Find businesses in the area and call with a single tap.
 Weather	Get current weather conditions and a six-day forecast. Add your favorite cities for a quick weather report anytime.
 Voice Memos	Record voice memos on iPhone. Play them back on iPhone or sync them with iTunes to listen to voice memos on your computer. Attach voice memos to email or MMS messages (iPhone 3G or later).
 Notes	Jot notes on the go—reminders, grocery lists, brilliant ideas. Send them in email. Sync notes to Mail or Microsoft Outlook or Outlook Express.
 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.

 Calculator	Add, subtract, multiply, and divide. Rotate iPhone sideways to use expanded scientific functions.
 Settings	Set up accounts and adjust all iPhone settings in one convenient place. Set your own volume limit for listening comfort. 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. Restrict access to explicit iTunes content and certain applications. Reset iPhone.
 iTunes	Search the iTunes Store for music, ringtones, audiobooks, TV shows, music videos, and movies. Browse, preview, purchase, and download new releases, top items, and more. Rent movies to view on iPhone. Stream and download podcasts. Read reviews or write your own reviews for your favorite store items.
 App Store	Search the App Store for iPhone applications you can purchase or download using your Wi-Fi or cellular data network connection. Read reviews or write your own reviews for your favorite apps. Download and install the application on your Home screen.
 Compass	Use the built-in digital compass (iPhone 3GS only) to determine your heading. Get your current coordinates. Choose between true north and magnetic north.
 Contacts	Get contact information synced from MobileMe, Mac OS X Address Book, Yahoo! Address Book, Google Contacts, Windows Address Book (Outlook Express), Microsoft Outlook, or Microsoft Exchange. Search, add, change, or delete contacts, which get synced back to your computer.
 Nike + iPod	Nike + iPod (which appears when you activate it in Settings) turns iPhone into a workout companion. Track your pace, time, and distance from one workout to the next and choose a song to power through your routine. (iPhone 3GS only. Requires select Nike shoes and a Nike + iPod Sensor, sold separately.)

Note: Application functionality and availability may vary depending on the country or region where you purchase and use iPhone. Contact your carrier for more information.

Customizing the Home Screen

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.

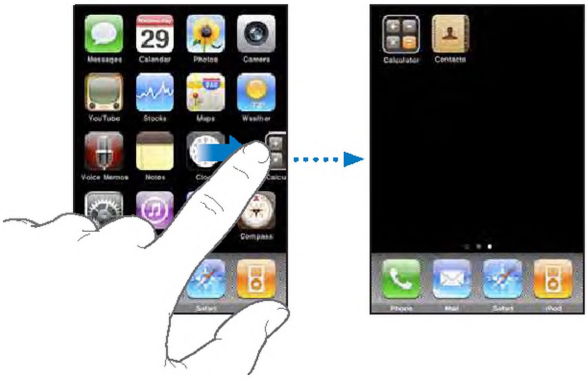
Rearrange icons:

1. Touch and hold any Home screen icon until 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 "Web Clips" on page 70.

You can also rearrange the Home screen icons and the order of the screens (in iTunes 9 or later) when iPhone is connected to your computer. Select iPhone in the iTunes sidebar, then click the Applications tab.

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 11 screens. The number of dots above the Dock shows the number of screens you have, and indicates which screen you're viewing.

Switch to another Home screen: Flick left or right, or tap to the left or right of the row of dots.

Go to the first Home screen: Press the Home ▢ button.

Reset your Home screen to the default layout: Choose Settings > General > Reset and tap Reset Home Screen Layout.

Buttons

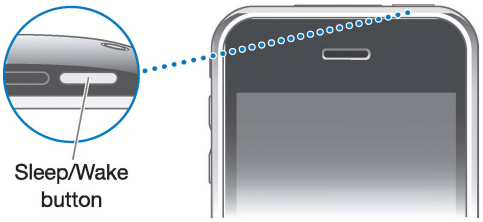
A few simple buttons make it easy to turn iPhone on and off, adjust the volume, and switch between ring and silent modes.

Sleep/Wake Button

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 center button on your iPhone headset (or the equivalent button on your Bluetooth 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.



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.

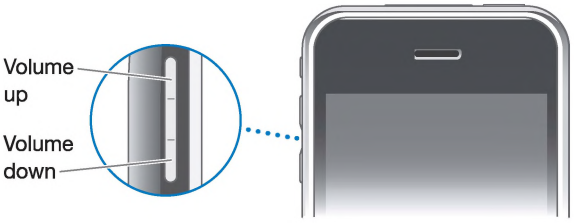
For information about changing how long before iPhone locks, see "Auto-Lock" on page 145. For information about setting iPhone to require a passcode to unlock it, see "Passcode Lock" on page 145.

Volume Buttons

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.

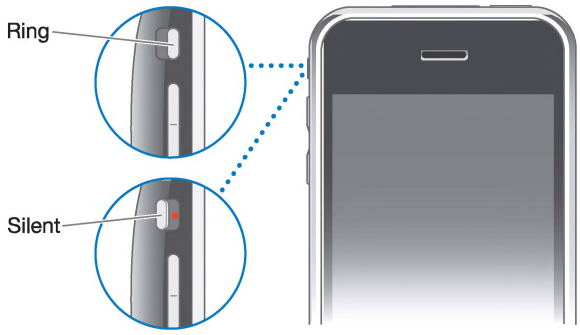
To adjust the volume, use the buttons on the side of iPhone.



To set a volume limit for music and videos on iPhone, see "Music" on page 158.

Ring/Silent Switch

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 play alerts and other sound effects.

Important: Clock alarms, audio-dependent applications such as iPod, and many games still play sounds through the built-in speaker when iPhone is set to silent mode.

By default, when you get a call, iPhone vibrates whether it's set to ring mode, or in 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 "Sounds and the Ring/Silent Switch" on page 141.

Touchscreen

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

Opening Applications

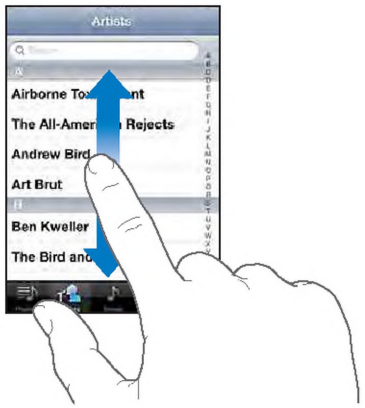
Open an application: Tap an icon.



Close an application and return to the Home screen: Press the Home ▢ button below the display.

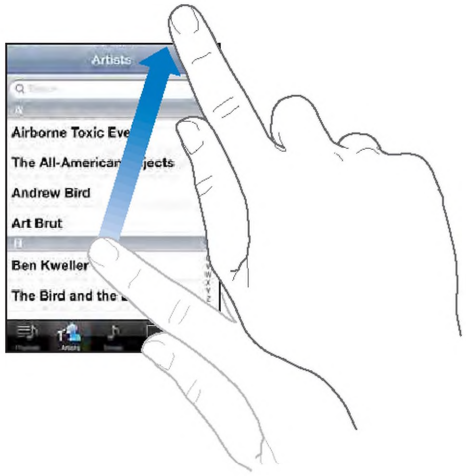
Scrolling

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 touch anywhere on the screen to stop it immediately. Touching the screen to stop scrolling won't choose or activate anything.

To quickly scroll to the top of a list, webpage, or email, just tap the status bar.

Lists

Some lists have an index along the right side, which helps you navigate quickly.

Find items in an indexed list: Tap a letter to jump to items starting with that letter. Drag your finger along the index to scroll quickly through the list.



Choose an item: Tap an item in the list.

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.

Return to a previous list: Tap the back button in the upper-left corner.

Zooming In or Out

When viewing photos, webpages, email, or maps, you can zoom in and out. Pinch your fingers together or apart. For photos and webpages, 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.



Viewing in Landscape

Many iPhone applications let you view the screen in either portrait or landscape orientation. Rotate iPhone and the display rotates too, adjusting automatically to fit the new screen orientation.



You may prefer landscape for viewing webpages in Safari, or when entering text, for example. Webpages automatically scale to the wider screen in landscape, making the text and images larger. Similarly, the onscreen keyboard is larger in landscape, which may help increase your typing speed and accuracy.

The following applications support both portrait and landscape orientation:

- Mail
- Safari
- Messages
- Notes
- Contacts
- Stocks
- iPod
- Photos
- Camera
- Calculator

Movies viewed in iPod and YouTube appear only in landscape orientation. Street views in Maps also appear in landscape.

Onscreen Keyboard

Use the onscreen keyboard to enter text, such as contact information, text messages, and web addresses.

Typing

Depending on the application you're using, the intelligent keyboard may automatically suggest corrections as you type to help prevent mistyped words.

Enter text:

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

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

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 isn't entered until you release your finger from the key.



Type uppercase	Tap the Shift ⇧ key before tapping a letter. Or touch and hold the Shift key, then slide to a letter.
Quickly type a period and space	Double-tap the space bar. (You can turn this feature on or off in Settings > General > Keyboard.)
Turn caps lock on	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. (You can turn this feature on or off in Settings > General > Keyboard.)
Show numbers, punctuation, or symbols	Tap the Number ?123 key. Tap the Symbol #+= key to see additional punctuation and symbols.
Type letters or symbols that aren't on the keyboard	Touch and hold the related letter or symbol, then slide to choose a variation.

Dictionary

For many languages, iPhone has dictionaries to help you type. The appropriate dictionary is activated automatically when you select a supported keyboard.

For a list of supported languages, see www.apple.com/iphone/specs.html.

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.



Accept or reject dictionary suggestions:

- *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.
- *To use the suggested word,* type a space, punctuation mark, or return character.

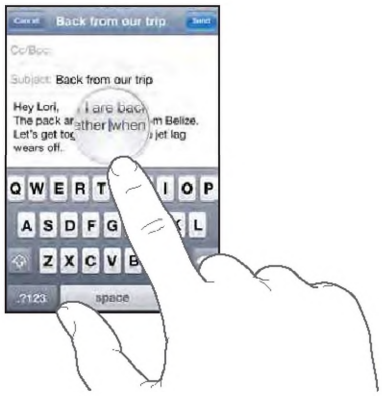
Turn Auto-Correction on or off: Choose General > Keyboard and turn Auto-Correction on or off. Auto-Correction is on by default.

Note: If you're entering Chinese or Japanese, tap one of the suggested alternatives.

Editing

An onscreen magnifying glass helps you position the insertion point for typing and editing text. You can select text to cut, copy, and paste.

Position the insertion point: Touch and hold to bring up the magnifying glass, then drag to position the insertion point.



Select text: Tap the insertion point to display the selection buttons. Tap Select to select the adjacent word or tap Select All to select all text. When you're typing, you can also double-tap to select a word. In read-only documents, such as webpages, or email or text messages you've received, touch and hold to select a word.

Drag the grab points to select more or less text.



Cut or copy text: Select text, then tap Cut or Copy.



Paste text: Tap the insertion point and tap Paste. The last text that you cut or copied is inserted. Or select text and tap Paste to replace the text.

Undo the last edit: Shake iPhone and tap Undo.

International Keyboards

iPhone provides keyboards that allow you to enter text in many different languages, including languages that read from right to left. For a complete list of supported keyboards, go to www.apple.com/iphone/specs.html.

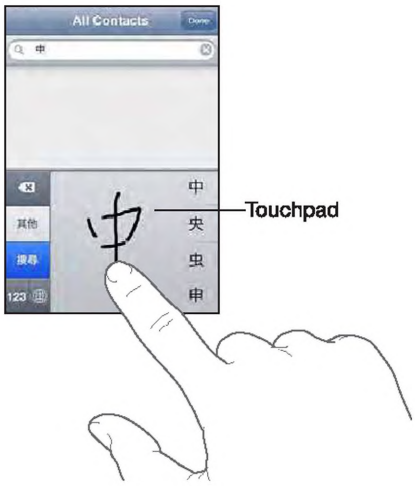
Turn international keyboards on or off:

1. In Settings, choose General > International > Keyboards.
2. Turn on the keyboards you want. Languages with more than one keyboard, such as Japanese and Chinese, indicate the number of keyboards available. Tap to choose a keyboard for that language.

Switch keyboards if more than one keyboard is turned on	Tap 🌐 to switch keyboards. When you tap the symbol, the name of the newly activated keyboard appears briefly.
Type letters, numbers, or symbols that aren't on the keyboard	Touch and hold the related letter, number, or symbol, then slide to choose a variation. On the Hebrew and Thai keyboards, for example, you can choose native numbers by touching and holding the related Arabic number.
Enter Japanese Kana	Use the Kana keypad to select syllables. For more syllable options, tap the arrow key and select another syllable or word from the window.
Enter Japanese QWERTY	Use the QWERTY keyboard to input code for Japanese syllables. As you type, suggested syllables appear. Tap the syllable to choose it.
Enter Emoji picture characters	Use the Emoji keyboard. Available only on iPhones purchased and used in Japan.
Enter Korean	Use the 2-Set Korean keyboard to type Hangul letters. To type double consonants or compound vowels, touch and hold the letter, then slide to choose the double letter.
Enter Simplified or Traditional Chinese Pinyin	Use the QWERTY keyboard to enter Pinyin for Chinese characters. As you type, suggested Chinese characters appear. Tap a character to choose it, or continue entering Pinyin to see more character options.

Enter Traditional Chinese Zhuyin	Use the keyboard to enter Zhuyin letters. As you type, suggested Chinese characters appear. Tap a character to choose it, or continue entering Zhuyin to see more character options. After you type an initial letter, the keyboard changes to show more letters.
Enter handwritten Simplified or Traditional Chinese	Use the touchpad to enter Chinese characters with your finger. As you write character strokes, iPhone recognizes them and shows matching characters in a list, with the closest match at the top. When you choose a character, its related characters appear in the list as additional choices. You can get some complex characters by entering two or more component characters. For example, enter 魚 (fish), then 鬚 (bristle), to get 鬱 (partial name of Hong Kong International Airport), which appears in the character list with an arrow next to it. Tap the character to replace the characters you entered.

When Simplified or Traditional Chinese handwriting formats are turned on, you can enter Chinese characters with your finger, as shown:



Searching

You can search many applications on iPhone, including Mail, Calendar, iPod, Notes, and Contacts. You can search an individual application, or search all the applications at once using Spotlight.



Go to Spotlight: From the main page of the Home screen, flick left to right.

If you're on the main Home screen page, you can press the Home button to go to Spotlight. From the Spotlight page, press the Home button to return to the main Home screen page. You can also set iPhone to go to Spotlight when you double-click the Home button. See "Home" on page 147.

Search iPhone: On the Spotlight page, enter text in the Search field. Search results appear automatically as you type. Tap Search to dismiss the keyboard and see more of the results.

Icons to the left of the search results let you know which application the results are from. Tap an item in the results list to open it.

Application	What's searched
Contacts	First, last, and company names
Mail	To, From, and Subject fields of all accounts (the text of messages isn't searched)
Calendar	Event titles, invitees, and locations (notes aren't searched)
iPod	Music (names of songs, artists, and albums) and the titles of podcasts, video, and audiobooks
Notes	Text of notes

Spotlight also searches the names of the native and installed applications on iPhone, so if you have a lot of applications you may want to use Spotlight as a way to locate and open applications.

Open applications from Spotlight: Enter the application name, then tap to open the application directly from the search results.

Use the Search Results settings to choose which applications are searched and the order in which they're searched. See "Home" on page 147.

Voice Control

Voice Control (available only on iPhone 3GS) lets you make phone calls and control iPod music playback using voice commands.

Note: Voice Control isn't available in all languages.



Use Voice Control: Press and hold the Home button until the Voice Control screen appears and you hear a beep. You can also press and hold the center button on the iPhone headset (or the equivalent button on your Bluetooth headset).

Use the following commands to make calls or play songs.

Call someone in contacts	Say "call" or "dial," then say the name of the person. If the person has more than one phone number, you can add "home" or "mobile," for example.
Dial a number	Say "call" or "dial," then say the number.
Control music playback	Say "play" or "play music." To pause, say "pause" or "pause music." You can also say "next song" or "previous song."
Play an album, artist, or playlist	Say "play," then say "album," "artist," or "playlist" and the name.
Shuffle the current playlist	Say "shuffle."
Find out more about the currently playing song	Say "what's playing," "what song is this," "who sings this song," or "who is this song by."
Use Genius to play similar songs	Say "Genius," "play more like this," or "play more songs like this."
Cancel Voice Control	Say "cancel" or "stop."

For best results:

- Speak into the iPhone microphone as if you were making a phone call. You can also use the microphone in your iPhone or Bluetooth headset.
- Speak clearly and naturally.

- Say only iPhone commands and names, and numbers. Pause slightly between commands.
- Use full names.

By default, Voice Control expects you to speak voice commands in the language that's set for iPhone (the General > International > Language setting). The Voice Control settings let you change the language for speaking voice commands. Some languages are available in different dialects or accents.

Change language or country: In Settings, choose General > International > Voice Control and tap the language or country.

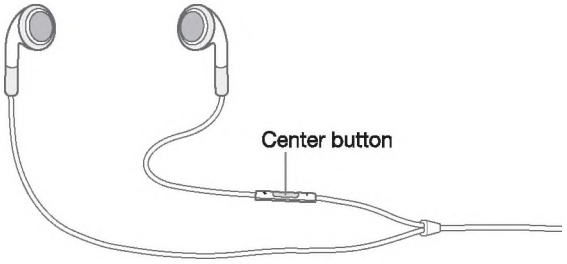
Voice Control for the iPod application is always on, but for security you can prevent voice dialing when iPhone is locked.

Prevent voice dialing when iPhone is locked: In Settings, choose General > Passcode Lock and turn Voice Dial off. Unlock iPhone to use voice dialing.

See "Voice Dialing" on page 48 and "Using Voice Control with iPod" on page 77.

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. The headset included with iPhone 3GS (shown here) also has volume buttons.



Plug in the headset to listen to music or make a phone call. Callers hear you through the built-in microphone. Press the center button to control music playback and answer or end calls, even when iPhone is locked. (You can also use the equivalent button on your Bluetooth headset to control these functions.)

Pause a song or video	Press the center button once. Press again to resume playback.
Skip to the next song	Press the center button twice quickly.
Return to previous song	Press the center button three times quickly.
Fast-forward	Press the center button twice quickly and hold.

Rewind	Press the center button three-times quickly and hold.
Adjust the volume (iPhone 3GS only)	Press the + or – button.
Answer an incoming call	Press the center button once.
End the current call	Press the center button once.
Decline an incoming call	Press and hold the center button for about two seconds, then 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	Press the center button once. Press again to switch back to the first call.
Switch to an incoming or on-hold call and end the current call	Press and hold the center button for about two seconds, then let go. Two low beeps confirm you ended the first call.
Use Voice Control (iPhone 3GS only)	Press and hold the center button. See "Voice Control" on page 38.

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, the App Store, or the iTunes Store.

How iPhone Connects to the Internet

iPhone connects to the Internet using either a Wi-Fi network or a cellular data network. 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 a lock next to them. You can prevent iPhone from automatically showing available networks. See "Wi-Fi" on page 139.
- If no Wi-Fi networks are available or you choose not to join any, iPhone connects to the Internet over a cellular data network (3G, E, or ○).

If no Wi-Fi networks are available and a cellular data network isn't available, iPhone cannot connect to the Internet.

Note: If you don't have a 3G connection, you cannot use the Internet over a cellular data network when you're on a call. You must have a Wi-Fi connection to use Internet applications while also talking on the phone.

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 (fees may apply to join some Wi-Fi networks). 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 connects 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 the connection strength. The more bars you see, the stronger the connection.

For information about configuring Wi-Fi settings, see "Wi-Fi" on page 139.

Cellular Data Network Access

3G, 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.

You can tell iPhone is connected to the Internet via the cellular data network if you see the 3G (3G), EDGE (E), or GPRS (o) icon in the status bar at the top of the screen.

Note: If you don't have a 3G connection, you may not be able to receive calls while iPhone is actively transferring data over a cellular network—downloading a webpage, for example. Incoming calls then go directly to voicemail.

Turn 3G on: In Settings, choose General > Network and tap Enable 3G.

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

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

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

Internet Access on an Airplane

Airplane mode turns off the iPhone radio transmitters to avoid interfering with aircraft operation. In some regions, where allowed by the aircraft operator and applicable laws and regulations, you can turn on Wi-Fi while airplane mode is on, to:

- Send and receive email
- Browse the Internet
- Sync your contacts and calendars over the air
- Stream YouTube videos
- Get stock quotes
- Get map locations
- Get weather reports
- Purchase music and applications

For more information, see "Airplane Mode" on page 138.

VPN Access

VPN (virtual private network) provides secure access over the Internet to private networks, such as the network at your company or school. Use Network settings to configure and turn on VPN. See "Network" on page 143.

VPN can also be automatically set up by a configuration profile. See "Installing Configuration Profiles" on page 18. When VPN is set up by a configuration profile, iPhone may turn on VPN automatically whenever it's needed. Contact your system administrator for more information.

Using iPhone as a Modem

You can use iPhone 3G or later as a modem to connect, or *tether*, your computer to the Internet. You can connect iPhone to your computer using the Dock Connector to USB Cable, or via Bluetooth.

Note: Additional fees may apply. Contact your carrier for more information.

Tethering works over the cellular data network. You can't share a Wi-Fi connection to the Internet. If you have a 3G connection, you can make and receive phone calls while tethering.

Note: To use iPhone as a modem with a Mac computer, it must be running Mac OS X version 10.5.7 or later.

Set up a tethering connection:

1. In Settings, choose General > Network > Internet Tethering.
2. Slide the Internet Tethering switch to On.
3. Connect iPhone to your computer:

- *USB:* Connect your computer to iPhone, using the Dock Connector to USB Cable. In your computer's Network services settings, choose iPhone.

  On a Mac, a pop-up window appears the first time you connect, saying "A new network interface has been detected." Click Network Preferences, configure the network settings for iPhone, then click Apply. On a PC, use the Network Control Panel to configure the iPhone connection.
- *Bluetooth:* On iPhone, choose Settings > General > Bluetooth and turn on Bluetooth. Then refer to the documentation that came with your computer system software to pair and connect iPhone with your computer.

When you're connected, a blue band appears at the top of the screen. Tethering remains on when you connect with USB, even when you aren't actively using the Internet connection.

Monitor your cellular data network usage: In Settings, choose General > Usage.

Battery

iPhone has an internal rechargeable battery.

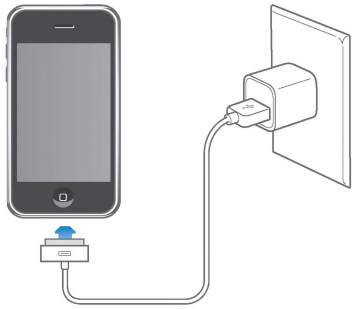
Charging the Battery

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

The battery icon in the upper-right corner shows the battery level or charging status. You can also display the percentage of the battery charge (iPhone 3GS only).

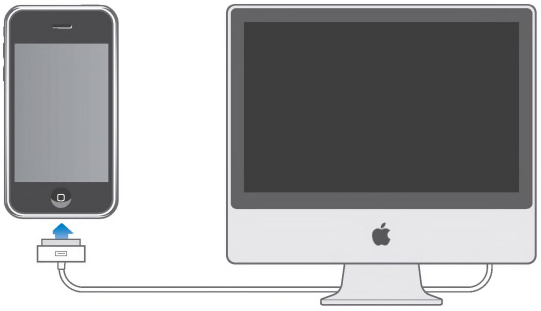


Charge the battery: Connect iPhone to a power outlet using the included Dock Connector to USB Cable and USB power adapter.



Charge the battery and sync iPhone: Connect iPhone to your computer using the included Dock Connector to USB Cable. Or connect iPhone to your computer using the included cable and the Dock, available separately.

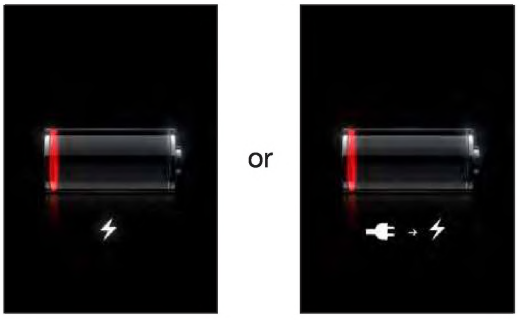
Unless your keyboard has a high-powered USB 2.0 port, you must connect iPhone to a USB 2.0 port on your computer.



Important: The iPhone battery may drain instead of charge if iPhone is connected to a computer that's turned off or is in sleep or standby mode.

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.



Maximizing Battery Life

iPhone uses lithium-ion batteries. To learn more about how to maximize the lifespan and battery life of your iPhone, go to www.apple.com/batteries.

Replacing the Battery

Rechargeable batteries have a limited number of charge cycles and may eventually need to be replaced. The iPhone battery isn't user replaceable; it can only be replaced by an authorized service provider. For more information, go to www.apple.com/support/iphone/service/battery.

Security Features

Security features help protect the information on iPhone from being accessed by others.

You can set up a passcode that you must enter each time you turn on or wake up iPhone.

Set a passcode: Choose General > Passcode Lock and enter a 4-digit passcode, then enter the passcode again to verify it. iPhone then requires you to enter the passcode to unlock it or to display the passcode lock settings.

For addition information about using a passcode lock, see "Passcode Lock" on page 145.

Prevent voice dialing when iPhone is locked: In Settings, choose General > Passcode Lock and turn Voice Dial off. Unlock iPhone to use voice dialing.

The Find My iPhone feature helps you locate iPhone if it's been lost or misplaced, and display a message on your iPhone to help someone return it to you. It includes Remote Wipe, which lets you erase all your information on iPhone in case you don't recover it. The Remote Passcode Lock feature lets you remotely lock your iPhone and create a new or replacement 4-digit passcode.

Find My iPhone requires a MobileMe account. MobileMe is an online service, available by subscription. Go to www.apple.com/mobileme for more information.

To enable this feature, turn on Find My iPhone in your MobileMe account settings. See "Setting Up Accounts" on page 16.

Find your iPhone: Log in to your MobileMe account at www.me.com and go to the Find My iPhone pane. Follow the onscreen instructions to locate your device on a map and display a message on its screen along with an optional sound to help you find it.

Remotely wipe information on your iPhone: Log in to your MobileMe account at www.me.com, then go to the Find My iPhone pane. Click "Remote Wipe…," and follow the onscreen instructions.

A remote wipe is equivalent to the "Erase all content and settings" feature in Settings. It resets all settings to their defaults and erases all your information and media. See "Resetting iPhone" on page 149.

Remotely lock your iPhone: Log in to your MobileMe account at www.me.com, then go to the Find My iPhone pane. Click Remote Passcode Lock, and follow the onscreen instructions.

Cleaning iPhone

To clean iPhone, unplug all cables and turn off iPhone (press and hold the Sleep/ Wake button, then slide the onscreen slider). Then use a soft, slightly damp, lint-free cloth. Avoid getting moisture in openings. Don't use window cleaners, household cleaners, aerosol sprays, solvents, alcohol, ammonia, or abrasives to clean iPhone. If your iPhone has an oleophobic coating on the screen (iPhone 3GS only), simply wipe your iPhone's screen with a soft, lint-free cloth to remove oil left by your hands and face.

For additional information about handling iPhone, see the *iPhone Important Product Information Guide* at www.apple.com/support/manuals/iphone.

Restarting and Resetting iPhone

If something isn't working right, try restarting, force quitting an application, or resetting iPhone.

Restart iPhone: Press and hold the Sleep/Wake button until the red slider appears. Slide your finger across the slider to turn off iPhone. To turn iPhone back on, press and hold the Sleep/Wake until the Apple logo appears.

If you can't turn off iPhone or if the problem continues, you may need to reset. A reset should be done only if turning iPhone off and on doesn't resolve the problem.

Force quit an application: Press and hold the Sleep/Wake button on top of iPhone for a few seconds until a red slider appears, and then press and hold the Home button until the application quits.

Reset iPhone: Press and hold the Sleep/Wake button and the Home button at the same time for at least ten seconds, until the Apple logo appears.

For more troubleshooting suggestions, see Appendix A, "Troubleshooting," on page 193.

Phone

3

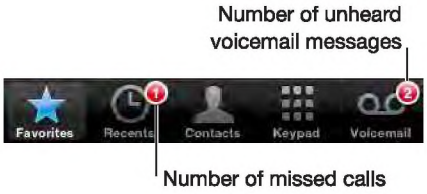
Phone Calls

Making a call on iPhone is as simple as tapping a name and number in your contacts, tapping one of your favorites, or tapping a recent call to return it.

Making Calls

Buttons at the bottom of the Phone screen give you quick access to your favorites, recent calls, your contacts, and a numeric keypad for dialing manually.

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



Use Contacts to call someone	Tap Contacts, choose a contact, then tap a phone number.
Call a favorite	Tap Favorites, then choose a contact.
Return a recent call	Tap Recents, then tap a name or number in the list.
Dial a number	Tap Keypad, enter the number, then tap Call.

If you copy a phone number to the clipboard, you can paste it to the keypad and dial it.

Paste a number to the keypad: Tap the screen above the keyboard, then tap Paste. If the phone number you copied included letters, iPhone automatically converts them to the appropriate digits.

Jump to favorites from anywhere: Double-click the Home ▢ button. You can change this preference in Settings. See "Home" on page 147.

Bring up the last number you dialed: Tap Keypad, then tap Call. Tap Call again to dial the number.

Voice Dialing

You can use Voice Control (iPhone 3GS only) to call someone in your contacts or dial a specific number.

Note: Voice Control isn't available in all languages.

Use Voice Control to make phone calls: Press and hold the Home button until the Voice Control screen appears and you hear a beep. Then use the commands described below to make calls.

You can also press and hold the center button on the iPhone headset (or the equivalent button on your Bluetooth headset) to use Voice Control.

Call someone in contacts	Say "call" or "dial" then say the name of the person. If the person has more than one number, specify which one you want to call. Examples: • Call John Appleseed • Call John Appleseed at home • Call John Appleseed, mobile
Dial a number	Say "call" or "dial," then say the number.

For best results, speak the full name of the person you're calling. If you give only the first name, and you have more than one contact with that same name, iPhone asks which of those contacts you want to call. If there's more than one number for the person you're calling, specify which number to use. If you don't specify which number, iPhone asks you which one to use.

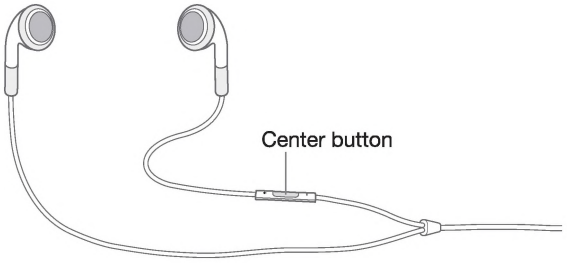
When voice dialing a number, speak each digit separately—for example, say "four one five, five five five, one two one two."

Note: For the "800" area code in the U.S., you can say "eight hundred."

Prevent voice dialing when iPhone is locked: In Settings, choose General > Passcode Lock and turn Voice Dial off. Unlock iPhone to use voice dialing.

Receiving Calls

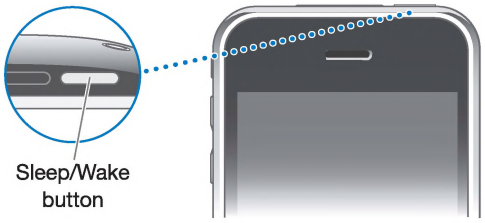
When you receive a call, tap Answer. If iPhone is locked, drag the slider. You can also press the center button on your iPhone headset or the equivalent button on your Bluetooth headset to answer a call.



Silence a call: Press the Sleep/Wake button or either volume button. You can still answer the call after silencing it, until it goes to voicemail.

Decline a call: Do one of the following to send a call directly to voicemail.

- Press the Sleep/Wake button twice quickly.



- Press and hold the center button on the iPhone headset (or the equivalent button on your Bluetooth headset) for about two seconds. Two low beeps confirm that the call was declined.
- Tap Decline (if iPhone is awake when a call comes in).

Block calls and maintain Wi-Fi access to the Internet: In Settings, turn on Airplane Mode, then tap Wi-Fi to turn it on.

While On a Call

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



Mute your line	Tap Mute. You can still hear the caller, but the caller can't hear you.
Use the keypad to enter information	Tap Keypad.
Use the speakerphone or a Bluetooth device	Tap Speaker. The Button is labeled Audio Source when a Bluetooth device is available, which lets you select the Bluetooth device, iPhone, or Speaker Phone.
See contact information	Tap Contacts.
Put a call on hold	Tap Hold. Neither party can hear the other.
Make another call	Tap Add Call.

Use other applications during a call: Press the Home ▢ button, then tap an application icon.

End a call: Tap End Call. Or press the center button on your iPhone headset (or the equivalent button on your Bluetooth headset).

Second Calls

During a call, you can make or receive another call. If you receive a second call, iPhone beeps and shows the caller's information and a list of options.

Note: Making and receiving a second call may be an optional service in some countries. Contact your carrier for more information.

Respond to a second call:

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

Make a second call: Tap Add Call. The first call is put on hold.

Switch between calls: Tap Swap. The active call is put on hold.

Create a conference call: Tap Merge Calls. See "Conference Calls" below.

Conference Calls

You can talk to more than one person at a time, and merge up to five calls, depending on your carrier.

Note: Conference calling may be an optional service in some countries. Contact your carrier for more information.

Create a conference call:

1. Make a call.
2. Tap Add Call and make another call. The first call is put on hold.
3. Tap Merge Calls. The calls are merged on one line and everyone can hear each other.

4 Repeat steps two and three to add up to five calls.

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

If your service includes conference calling, iPhone always has a second line available in addition to the conference call.

Emergency Calls

If iPhone is locked with a passcode, you may still be able to make an emergency call.

Make an emergency call when iPhone is locked: On the Enter Passcode screen, tap Emergency Call, then dial the number using the keypad.

Important: Only emergency numbers valid in the region where you're making the call will work. In some countries, you can't make emergency calls unless your SIM card is installed and activated, and the SIM PIN has been correctly entered or turned off.

In the U.S., location information (if available) is provided to emergency service providers when you dial 911.

Important: 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 doesn't have a SIM, if you locked your SIM, or if you haven't activated your iPhone.

Visual Voicemail

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 instructions or prior messages.

Note: Visual voicemail may not be available in all regions, or may be an optional service. Contact your carrier for more information. If visual voicemail isn't available, tap Voicemail and follow the voice prompts to retrieve your messages.



Number of missed calls and unheard voicemail messages appears on the Home screen Phone icon.

Setting Up Voicemail

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

Change your greeting:

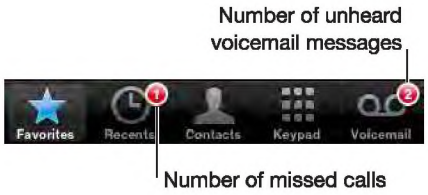
1. Tap Voicemail, tap Greeting, then tap Custom.
2. Tap Record when you're ready to start.
3. When you finish, tap Stop. To review, tap Play.

   To rerecord, repeat steps 2 and 3.
4. Tap Save.

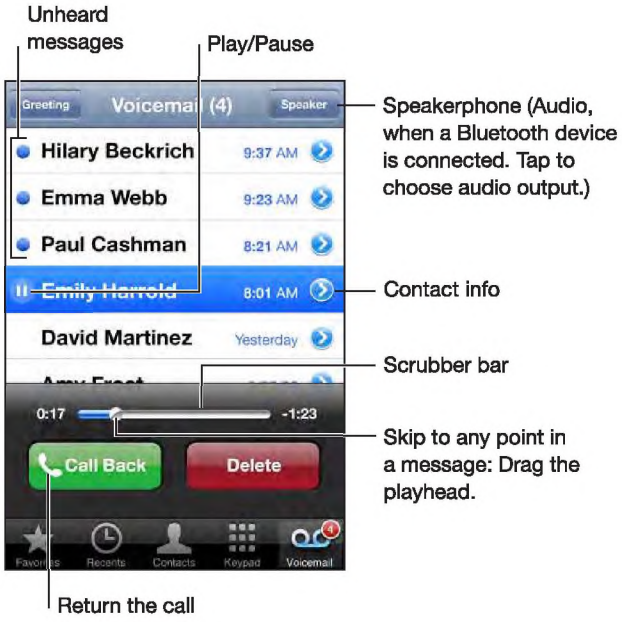
Use your carrier's default greeting	Tap Voicemail, tap Greeting, then tap Default.
Set an alert sound for new voicemail	In Settings, choose Sounds and turn New Voicemail on. The alert sounds once for each new voicemail. If the Ring/Silent switch is off, iPhone won't sound alerts.
Change the voicemail password	In Settings, choose Phone > Change Voicemail Password.

Checking Voicemail

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



Tap Voicemail to see a list of your messages.



Listen to a message: Tap the message. (If you've already heard the message, tap the message again to replay it.) Use ❚❚ and ▶ to pause and resume playback.

Once you listen to a message, it's saved until your carrier automatically erases it.

Check voicemail from another phone: Dial your own number or your carrier's remote access number.

Deleting Messages

Select a message, then tap Delete. Deleted visual voicemail messages are saved on iPhone until your carrier permanently erases them.

Listen to a deleted message	Tap Deleted Messages (at the end of the list), then tap the message.
Undelete a message	Tap Deleted Messages (at the end of the list), then tap the message and tap Undelete.

Getting Contact Information

Visual voicemail saves the date and time of the call, the length of the message, and any available contact information.

See a caller's contact information: Tap ⓘ next to a message.

You can use the information to email or text the caller, or update contact info.

Contacts

From a contact's Info screen, a quick tap lets you make a phone call, create a new email message, find the location of their address, and more. See "Searching Contacts" on page 177.

Favorites

Favorites gives you quick access to your most-used phone numbers.

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."

Go to favorites: Double-click the Home button. See "Home" on page 147.

Call a contact from your favorites	Tap Favorites and choose a contact.
Delete a contact from your favorites	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.

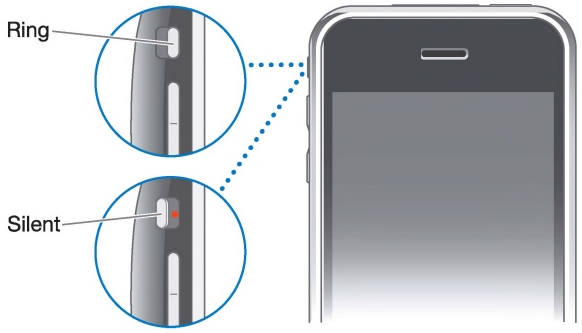
Ringtones and the Ring/Silent Switch

iPhone comes with ringtones you can use for incoming calls, Clock alarms, and the Clock timer. You can also create and purchase ringtones from songs in iTunes.

Ring/Silent Switch and Vibrate Modes

A switch on the side of iPhone makes it easy to turn the ringer on or off.

Turn the ringer on or off: Flip the switch on the side of iPhone.



Important: Clock alarms still sound even if you set the Ring/Silent switch to silent.

Set iPhone to vibrate: In Settings, choose Sounds. Separate controls let you set vibrate for both ring mode and silent mode.

For more information, see Chapter 19, "Settings," on page 138.

Setting Ringtones

You can set the default ringtone for calls and Clock alarms and timers. You can also assign individual ringtones to contacts so you know who's calling.

Set the default ringtone: In Settings, choose Sounds > Ringtone, then choose a ringtone.

Assign a ringtone to a contact: From Phone, tap Contacts and choose a contact. Then tap Ringtone and choose a ringtone.

Purchasing Ringtones

You can purchase ringtones from the iTunes Store on your iPhone. See "Purchasing Ringtones" on page 162.

Bluetooth Devices

You can use iPhone with hands-free Bluetooth headsets and Bluetooth car kits. iPhone also supports Bluetooth stereo headphone devices when using iPod.

Pairing a Device with iPhone

You must first pair a Bluetooth device with iPhone before you can use it.

Pair with iPhone:

1. Follow the instructions that came with the device to make it discoverable or to set it to search for other Bluetooth devices.
2. In Settings, choose General > Bluetooth and turn Bluetooth on.
3. Choose the device on iPhone and enter its passkey or PIN number. See the instructions about the passkey or PIN that came with the device.

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

Connect with iPhone: See the documentation that came with the headset or car kit.

When iPhone is connected to a Bluetooth device, outgoing calls are routed through the device. Incoming calls are routed through the device if you answer using the device, and through iPhone if you answer using iPhone.

> ***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.

Bluetooth Status

The Bluetooth icon appears in the iPhone status bar at the top of the screen:

- *(blue) or (white):* Bluetooth is on and a device is connected to iPhone. (The color depends on the current color of the status bar.)
- *(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:* Bluetooth is turned off.

Routing Calls Back Through iPhone

When iPhone is connected to a Bluetooth device, you listen to calls through iPhone by doing one of the following:

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

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:

1. In Settings, choose General > Bluetooth and turn Bluetooth on.
2. Choose the device and tap Unpair.

International Calls

iPhone 3G and iPhone 3GS are multi-band phones, supporting UMTS/HSDPA (850, 1900, 2100 MHz) and GSM (850, 900, 1800, 1900 MHz), ensuring broad international coverage.

Making International Calls from Your Home Area

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

Using iPhone Abroad

You can use iPhone to make calls in many countries around the world.

Enable international roaming: Contact your carrier for information about availability and fees.

Set iPhone to add the correct prefix when dialing from another country: In Settings, tap Phone, then turn International Assist on. This lets you make calls to your home country using the numbers in your contacts and favorites, without having to add a prefix or your country code. International Assist works for U.S. telephone numbers only.

When you make a call using International Assist, "International Assist" appears on the iPhone screen, alternating with the "calling ..." message, until your call is connected.

Note: International Assist is not available in all areas.

Set the carrier to use: In Settings, tap Carrier, then select the carrier you prefer. This option is available only when you're traveling outside your carrier's network. You can make calls only on carriers that have roaming agreements with your iPhone service provider. For more information, see "Carrier" on page 141.

Important: Voice and data roaming charges may apply. To avoid data roaming charges, turn Data Roaming off.

Turn Data Roaming on or off: In Settings, choose General > Network and turn Data Roaming on or off. Data Roaming is turned off by default.

Turning Data Roaming off helps to avoid data roaming charges when traveling outside your carrier's network by disabling data transmission over the cellular network. You can still access the Internet if you have a Wi-Fi connection. If Wi-Fi network access isn't available, however, you cannot:

- Send or receive email
- Browse the Internet
- Sync your contacts, calendars, or bookmarks with MobileMe or Exchange
- Stream YouTube videos
- Get stock quotes
- Get map locations
- Get weather reports
- Purchase music or applications

Other third-party applications that use data roaming may also be disabled.

If Data Roaming is turned off, you can still make and receive phone calls, and send and receive text messages. Voice roaming charges may apply. Visual voicemail is delivered if there's no charge; if your carrier charges for delivery of visual voicemail when roaming, turning Data Roaming off prevents the delivery of visual voicemail.

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

Important: If Data Roaming is turned on, you may incur charges when roaming outside your carrier's network for the use of any of the features listed above, as well as for delivery of visual voicemail. Check with your carrier for information about roaming charges.

Get voicemail when visual voicemail isn't available: Dial your own number, or touch and hold "1" on the keypad.

You can use Airplane Mode to turn off cellular services and then turn Wi-Fi on to get access to the Internet, while preventing voice roaming charges.

Use Airplane Mode to turn off cellular services: In Settings, tap Airplane Mode to turn it on, then tap Wi-Fi and turn Wi-Fi on. See "Airplane Mode" on page 138.

Incoming phone calls are sent to voicemail. To make and receive calls again and get your voicemail messages, turn Airplane Mode off.

Mail

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Mail works with MobileMe, Microsoft Exchange, and many of the most popular email systems—including Yahoo! Mail, Google email, and AOL—as well as other industry-standard POP3 and IMAP email systems. You can send and receive embedded photos and graphics, and view PDFs and other attachments.

Setting Up Email Accounts

You can set up email accounts on iPhone in either of the following ways:

- Set up an account directly on iPhone. See "Setting Up Accounts" on page 16.
- In iTunes, use the iPhone preference panes to sync email accounts settings from your computer. See "Syncing" on page 11.

Sending Email

You can send an email message to anyone who has an email address.

Compose and send a message:

1. Tap ✎.
2. Type a name or email address in the To field, or tap ⊕ to add a name from your contacts.

   As you type an email address, matching email addresses from your contacts list appear below. Tap an address to add it. To add more names, tap Return or ⊕.

   Note: If you're composing a message from your Microsoft Exchange account and have access to your enterprise Global Address List (GAL), matching addresses from the contacts on iPhone appear first, followed by matching GAL addresses.
3. Tap Cc/Bcc/From if you want to copy or blind copy the message to others, or change the account you send the message from. If you have more than one email account, you can tap the From field to change the account you're sending from.

4 Enter a subject, then your message.

You can tap Return to move from one field to another.

5 Tap Send.

Send a photo or video (iPhone 3GS only) in an email message	In Photos, choose a photo or video, tap, then tap Email Photo or Email Video. You can also copy and paste photos and videos. The photo or video is sent using your default email account (see "Mail" on page 152).
Send a video in an email message (iPhone and iPhone 3G)	In Photos, choose a video, then touch and hold the video until the Copy command appears. Tap Copy. Go to Mail and create a new message. Tap to place an insertion point where you want the video, then tap the insertion point to display the edit commands and tap Paste. The video is sent using your default email account (see "Mail" on page 152).
Save a draft of a message to complete later	Tap Cancel, then tap Save. The message is saved in the Drafts mailbox.
Reply to a message	Tap. Tap Reply to reply only to the sender or tap Reply All to reply to the sender and all recipients. Type your return message, then tap Send. 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, type your message, then tap Send. When you forward a message, you can include the files or images attached to the original message.
Share contact information	In Contacts, choose a contact, tap Share Contact at the bottom of the Info screen, then tap Email.

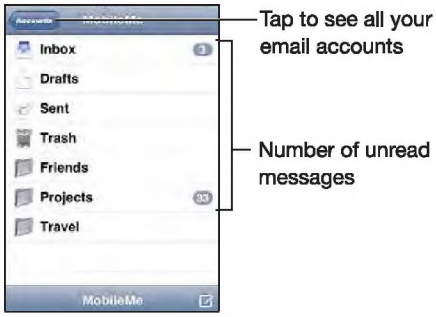
Checking and Reading Email

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



Check for new messages: Choose a mailbox or tap at any time.

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



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



When you open a mailbox, Mail loads the number of most recent messages specified in your Mail settings, if the messages haven't already been loaded automatically. (See "Mail" on page 152.)

Load additional messages: Scroll to the bottom of the list of messages and tap Load More Messages.

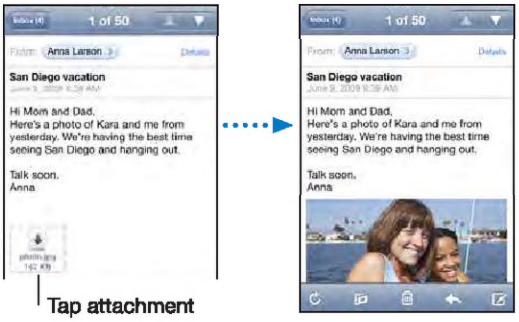
Read a message: Tap a mailbox, then tap a message. Within a message, tap ▲ or ▼ to see the next or previous message.

Zoom in on part of a message	Double-tap an area of the message to zoom in. 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 and blue. Many images are also 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.
See a link's destination address	Touch and hold the link. The address is displayed, and you can choose to open the link in Safari or copy the link address to the clipboard.

iPhone displays picture attachments in many commonly used formats (JPEG, GIF, and TIFF) inline with the text in email messages. iPhone can play many audio attachments (such as MP3, AAC, WAV, and AIFF). You can download and view files (such as PDF, webpage, text, Pages, Keynote, Numbers, and Microsoft Word, Excel, and PowerPoint documents) attached to messages you receive.

Open an attached file: Tap the attachment. It downloads to iPhone and then opens.



You can view attachments in portrait or 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 document types:

.doc	Microsoft Word
.docx	Microsoft Word (XML)
.htm	webpage
.html	webpage
.key	Keynote
.numbers	Numbers
.pages	Pages

.pdf	Preview, Adobe Acrobat
.ppt	Microsoft PowerPoint
.pptx	Microsoft PowerPoint (XML)
.rtf	Rich Text Format
.txt	text
.vcf	contact information
.xls	Microsoft Excel
.xlsx	Microsoft Excel (XML)

Save an attached photo to your Camera Roll album: Tap the photo, then tap Save Image. If the photo hasn't been downloaded yet, tap the download notice first.

Save an attached video to your Camera Roll album: Touch and hold the attachment, then tap Save Video. If the video hasn't been downloaded yet, tap the download notice first.

See all the recipients of a message	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.

Open a meeting invitation: Tap the invitation.

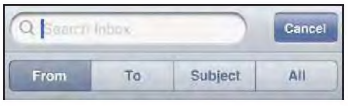


You can get contact information for the organizer and other attendees, set an alert, add notes to the event, and add comments that are included in your response emailed to the organizer. You can accept, tentatively accept, or decline the invitation. See "Responding to Meeting Invitations" on page 95.

Turn Push on or off: In Settings, choose "Mail, Contacts, Calendars" > Fetch New Data, then turn Push on or off. See "Fetch New Data" on page 151.

Searching Email

You can search the To, From, and Subject fields of email messages. Mail searches the downloaded messages in the currently open mailbox. For MobileMe, Exchange, and some IMAP mail accounts, you can also search messages on the server.



Search email messages: Open a mailbox, scroll to the top, and enter text in the Search field. Tap From, To, Subject, or All (From, To, and Subject) to choose which fields you want to search. (Tap the status bar to scroll quickly to the top of the list and reveal the search field.)

Search results for the messages already downloaded to iPhone appear automatically as you type. Tap Search to dismiss the keyboard and see more of the results.

Search messages on the server: Tap "Continue Search on Server" at the end of the search results.

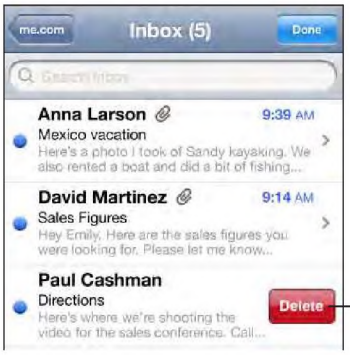
Note: Search results of messages on servers may vary depending on the type of account. Some servers may search only whole words.

Organizing Email

You can delete messages one at a time, or select a group to delete all at once. You can also move messages from one mailbox or folder to another.

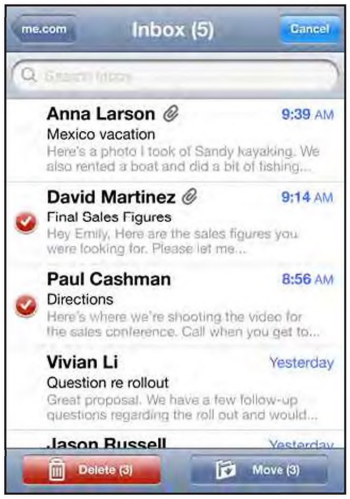
Delete a message: Open the message and tap 🗑.

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



To show the Delete button, swipe left or right over the message.

Delete multiple messages: When viewing a list of messages, tap Edit, select the messages you want to delete, then tap Delete.



Move a message to another mailbox or folder: When viewing a message, tap, then choose a mailbox or folder.

Move multiple messages: When viewing a list of messages, tap Edit, select the messages you want to move, then tap Move and select a mailbox or folder.

Safari

5

Viewing Webpages

Safari lets you surf the web and view webpages on iPhone in the same way as if you were on your computer. You can create bookmarks on iPhone and sync bookmarks with your computer. Add web clips for quick access to your favorite sites directly from the Home screen.

You can view webpages in either portrait or landscape orientation. Rotate iPhone and the webpage rotates too, automatically adjusting to fit the page.



Opening Webpages

Open a webpage: Tap the address field (on the left side of the title bar), then type the web address and tap Go. If the address field isn't visible, tap the status bar at the top of the screen to quickly scroll to the address field at the top of the webpage.

As you type, web addresses that start with those letters appear. These are bookmarked pages or recent pages you've opened. Tap an address to go to that page. Keep typing if you want to enter a web address that's not in the list.

Erase the text in the address field: Tap the address field, then tap ⊗.

Zooming and Scrolling

Zoom in or out: Double-tap a column on a webpage to expand the column. Double-tap again to zoom out.



You can also pinch to zoom in or out manually.

Scroll around a webpage	Drag up, down, or sideways. When scrolling, you can touch and drag anywhere on the page without activating any links.
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.
Scroll quickly to the top of a webpage	Tap the status bar at the top of the iPhone screen.

Navigating Webpages

Links on webpages typically take you to another place on the web.

Follow a link on a webpage: Tap the link.

Links on iPhone can also initiate a phone call, display a location in Maps, or create a preaddressed Mail message. To return to Safari after a link opens another application, press the Home ▢ button and tap Safari.

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 see if it has a link.
Stop a webpage from loading	Tap ✖.
Reload a webpage	Tap ↻.
Return to the previous or next page	Tap ◀ or ▶ at the bottom of the screen.
Return to a recently viewed page	Tap 🕮 and tap History. To clear the history list, tap Clear.
Send a webpage address via email	Tap ✚ and tap "Mail Link to this Page."
Save an image or photo to your Camera Roll album	Touch and hold the image, then tap Save Image.

Opening Multiple Pages

You can have up to eight pages 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 page: Tap and tap New Page.

Go to another page: Tap and flick left or right. Tap the page you want to view.



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

Entering Text and Filling Out Forms

Some webpages have text fields and forms to fill out. You can set Safari to remember names and passwords of websites you visit and fill out text fields automatically with information from Contacts. See "Safari" on page 156.

Bring up the keyboard	Tap inside a text field.
Move to another text field	Tap another text field, or tap the Next or Previous button.
Submit a form	Once you finish filling out a form, tap Go or Search. Most pages also have a link you can tap to submit the form.
Close the keyboard without submitting the form	Tap Done.

Enable AutoFill to help you fill out web forms: In Settings, choose Safari > AutoFill, then do one of the following:

- *To use information from contacts,* turn Use Contact Info on, then choose My Info and select the contact you want to use.

  Safari uses information from Contacts to fill in contact fields on web forms.
- *To use information from names and passwords,* turn Names & Passwords on.

  When this feature is on, Safari remembers names and passwords of websites you visit and automatically fills in the information when you revisit the website.
- *To remove all AutoFill information,* tap Clear All.

Searching the Web

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

Search the web:

1. Tap the search field (on the right side of the title bar).
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!.

Bookmarks

You can bookmark webpages you want to return to later.

Bookmark a webpage: Open the page and tap +. Then tap Add Bookmark.

When you save a bookmark you can edit its title. By default, bookmarks are saved at the top level of Bookmarks. Tap Bookmarks to choose another folder.

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

Sync bookmarks with your computer:

1. Connect iPhone to your computer.
2. In iTunes, select iPhone in the sidebar.
3. Click the Info tab, select "Sync … bookmarks" under Web Browser, then click Apply.

See "Syncing" on page 11.

Sync bookmarks with MobileMe: In Settings on iPhone, select Bookmarks in your MobileMe account. See "Setting Up Accounts" on page 16.

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 ⊖, then tap Delete.
- *To reposition a bookmark or folder,* drag ☰.
- *To edit the name or address, or to put it in a different folder,* tap the bookmark or folder.

When you're finished, tap Done.

Web Clips

Add web clips to the Home screen for fast access to your favorite webpages. Web clips appear as icons on the Home screen, and you can arrange your web clips along with the other icons. See "iPhone Applications" on page 23.

Add a web clip: Open the webpage and tap +. Then tap "Add to Home Screen."

When you open a web clip, Safari automatically zooms and scrolls to the area of the webpage that was displayed when you saved the web clip. The displayed area is also used to create the icon for the web clip on your Home screen, unless the webpage comes with its own custom icon.

When 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.

Web clips aren't bookmarks, and aren't synced by MobileMe or iTunes.

Delete a web clip:

1. Touch and hold any icon on the Home screen until the icons start to wiggle.
2. Tap ⊗ in the corner of the web clip you want to delete.
3. Tap Delete, then press the Home ▢ button to save your arrangement.

iPod

6



iPhone syncs with iTunes on your computer to get songs, videos, and other content you've collected in your iTunes library. For information about adding music and other media to your iTunes library, open iTunes and choose Help > iTunes Help.

Getting Music, Video, and More

To get music, video, and other content onto iPhone, you can set up iTunes on your computer to automatically sync content in your library, or you can manually manage the media you put on iPhone.

Syncing Content from iTunes

You can transfer music, video, and more onto iPhone by syncing content from iTunes. You can sync all of your media, or you can select specific songs, videos, podcasts, and iTunes U collections.

Set iTunes to sync iPod content:

1. Connect iPhone to your computer.
2. In iTunes, select iPhone in the sidebar.
3. On the Music, Movies, TV Shows, Podcasts, and iTunes U tabs, select the content you want to sync to iPhone. For example, you could set iTunes to sync selected music playlists and the three most recent episodes of your favorite video podcast.
4. Click Apply.

To set iTunes to sync iPod content and other info automatically, click the Summary tab and select "Automatically sync when this iPhone is connected."

Important: If you delete an item from iTunes, it will also be deleted from iPhone the next time you sync.

Only songs and videos encoded in formats that iPhone supports are transferred to iPhone. For information about which formats iPhone supports, see "Song, Video, or Other Items Won't Play" on page 200.

If there are more songs in your iTunes library than can fit on your iPhone, iTunes offers to create a special playlist to sync with iPhone. iTunes fills the playlist with random selections from your library. You can add or delete songs from the playlist and sync again.

If you listen to part of a podcast or audiobook, your place in the story is included if you sync the content with iTunes. If you started listening to the story on iPhone, you can pick up where you left off using iTunes on your computer—or vice versa.

For more information about using iTunes to get music and other media onto your computer, see "What You Need" on page 9.

Manually Managing Content

The manually managing feature lets you choose just the music, video, and podcasts you want to have on iPhone.

Set up iPhone for manually managing content:

1. Connect iPhone to your computer.
2. In iTunes, select iPhone in the sidebar.
3. Click the Summary tab and select "Manually manage music and videos."
4. Click Apply.

Add items to iPhone: Drag a song, video, podcast, or playlist in your iTunes library to iPhone (in the sidebar). Shift-click or Command-click (Mac) or Control-click (Windows) to select multiple items to add at the same time.

iTunes syncs the content immediately. If you deselect "Manually manage music and videos," the content you added manually is removed from iPhone the next time iTunes syncs content.

Remove items from iPhone: With iPhone connected to your computer, select the iPhone icon in the iTunes sidebar. Click the disclosure triangle to the left of the icon to show the contents. Select a content area, such as Music or Movies, then select the items you want to delete and press the Delete key on the keyboard.

Removing an item from iPhone doesn't delete it from your iTunes library.

Purchasing and Downloading Content from the iTunes Store

You can use the iTunes Store on iPhone to purchase and download songs, albums, TV shows, movies, music videos, ringtones, and audiobooks directly to iPhone. You can also stream and download audio and video podcasts, as well as iTunes U content. See "About the iTunes Store" on page 160.

Transferring Purchased Content to Another Computer

You can transfer content on iPhone that was purchased using iTunes on one computer to an iTunes library on another authorized computer. The computer must be authorized to play content from your iTunes Store account. To authorize the computer, open iTunes on the computer and choose Store > Authorize Computer.

Transfer purchased content: Connect iPhone to the other computer. iTunes asks if you want to transfer purchased content.

Converting Videos for iPhone

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

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 > "Create iPod or iPhone Version." Then add the converted video to iPhone.

Music and Other Audio

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.

Playing Songs

Browse your collection: Tap Playlists, Artists, or Songs. Tap More to browse Albums, Audiobooks, Compilations, Composers, Genres, iTunes U, or Podcasts.

Browse Genius Mixes: Tap Genius. If Genius doesn't appear, you need to turn on Genius in iTunes 9 or later, and then sync iPhone with iTunes. See "Using Genius on iPhone" on page 79.

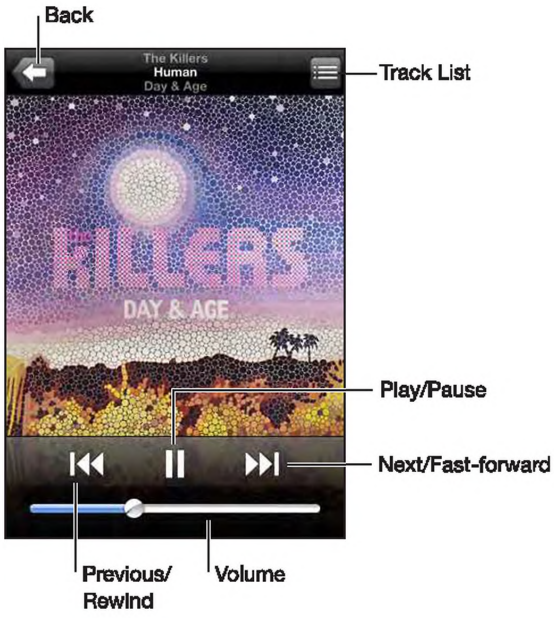
Play a song: Tap the song.

Shake to shuffle: Shake iPhone to turn shuffle on and immediately change songs. Shake anytime to change to another song.

You can turn the "Shake to Shuffle" feature on or off in Settings > iPod (it's on by default). See "Music" on page 158.

Controlling Song Playback

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



Pause a song	Tap ⏸, or press the center button on the iPhone headset (or the equivalent button on your Bluetooth headset).
Resume playback	Tap ▶, or press the center button on the iPhone headset (or the equivalent button on your Bluetooth headset).
Raise or lower the volume	Drag the volume slider or use the buttons on the side of iPhone. You can also use the volume buttons on the iPhone headset (iPhone 3GS only).
Restart a song or a chapter in an audiobook or podcast	Tap ⏮.
Skip to the next song or chapter in an audiobook or podcast	Tap ⏭, or press the center button on the iPhone headset (or the equivalent button on your Bluetooth headset) twice quickly.
Go to the previous song or chapter in an audiobook or podcast	Tap ⏮ twice, or press the center button on the iPhone headset (or the equivalent button on your Bluetooth headset) three times quickly.
Rewind or fast-forward	Touch and hold ⏮ or ⏭. The longer you hold the control, the faster the song rewinds or fast-forwards. On the iPhone headset, press the center button (or the equivalent button on your Bluetooth headset) twice quickly and hold to fast forward, or three times quickly and hold to rewind.

Return to the iPod browse lists	Tap ⏎, or swipe to the right over the album cover.
Return to the Now Playing screen	Tap Now Playing.
Display a song's lyrics	Tap the album cover when playing a song. (Lyrics appear if you've added them to the song using the song's Info window in iTunes.)

You can display playback controls at any time when you're listening to music and using another application—or even when iPhone is locked—by double-clicking the Home ▢ button. See "Home" on page 147.

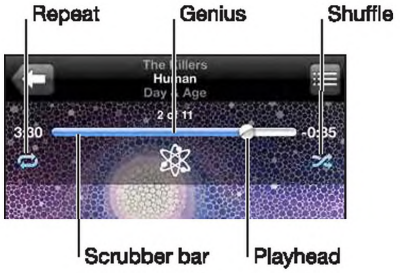
If you're using an application, the playback controls appear on top of the application. After using the controls, you can close them or tap Music to go to the Now Playing screen. If iPhone is locked, the controls appear onscreen, then disappear automatically after you finish using them.

Additional Song Controls

From the Now Playing screen, tap the album cover.

The repeat, Genius, and shuffle controls appear along with the scrubber bar. You can see elapsed time, remaining time, and the song number. The song's lyrics also appear, if you've added them to the song in iTunes.

The scrubber bar lets you skip to any point along the timeline. You can adjust the scrub rate from high-speed to fine by sliding your finger down as you drag the playhead along the scrubber bar.



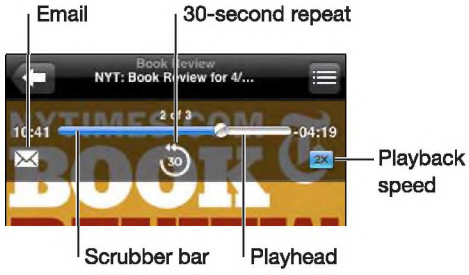
Set iPhone to repeat songs	Tap . Tap again to set iPhone to repeat only the current song. = iPhone is set to repeat all songs in the current album or list. = iPhone is set to repeat the current song over and over. = iPhone isn't set to repeat songs.
Skip to any point in a song	Drag the playhead along the scrubber bar. Slide your finger down to adjust the scrub rate. The scrub rate becomes slower the farther down you slide your finger.
Make a Genius playlist	Tap , and the Genius playlist appears. See "Using Genius on iPhone" on page 79.
Set iPhone to shuffle songs	Tap . Tap again to set iPhone to play songs in order. = iPhone is set to shuffle songs. = iPhone is set to play songs in order.
Shuffle the tracks in any playlist, album, or other list of songs	Tap Shuffle at the top of the list. For example, to shuffle all the songs on iPhone, choose Songs > Shuffle. Whether or not iPhone is set to shuffle, if you tap Shuffle at the top of a list of songs, iPhone plays the songs from that list in random order.

Podcast and Audiobook Controls

From the Now Playing screen, tap the cover.

The email, 30-second repeat, and playback speed controls appear along with the scrubber bar. You can see elapsed time, remaining time, and the episode or chapter number.

The scrubber bar lets you skip to any point along the timeline. You can adjust the scrub rate from high-speed to fine by sliding your finger down as you drag the playhead along the scrubber bar.



Send an email link to this podcast	Tap ✉.
Skip to any point	Drag the playhead along the scrubber bar. Slide your finger down to adjust the scrub rate. The scrub rate becomes slower the farther down you slide your finger.
Play back the last 30 seconds	Tap 30.
Set the playback speed	Tap 1X. Tap again to change the speed. 2X = Play at double speed. ½X = Play at half speed. 1X = Play at normal speed.

Using Voice Control with iPod

You can use Voice Control (available only on iPhone 3GS) to control music playback on iPhone.

Note: Voice Control isn't available in all languages.

Use Voice Control: Press and hold the Home ▢ button until the Voice Control screen appears and you hear a beep. Then use the commands described below to play songs.

You can also press and hold the center button on the iPhone headset (or the equivalent button on your Bluetooth headset) to bring up Voice Control.

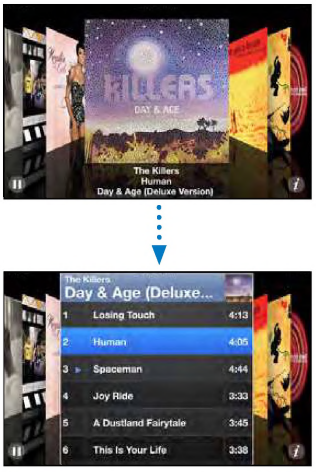
Control music playback	Say "play" or "play music." To pause, say "pause" or "pause music." You can also say "next song" or "previous song."
Play an album, artist, or playlist	Say "play," then say "album," "artist," or "playlist" and the name.
Shuffle the current playlist	Say "shuffle."
Find out more about the currently playing song	Say "what's playing," "what song is this," "who sings this song," or "who is this song by."
Use Genius to play similar songs	Say "Genius," "play more like this," or "play more songs like this."
Cancel Voice Control	Say "cancel" or "stop."

Browsing Album Covers in Cover Flow

When you're browsing music, you can rotate iPhone sideways to see your iTunes content in Cover Flow and browse your music by album artwork.



Browse album covers	Drag or flick left or right.
See the tracks on an album	Tap a cover or ⓘ.



Play any track	Tap the track. Drag up or down to scroll through the tracks.
Return to the cover	Tap the title bar. Or tap ⓘ again.
Play or pause the current song	Tap ▶ or ❚❚. You can also press the center button on the iPhone headset (or the equivalent button on your Bluetooth headset).

Viewing All Tracks on an Album

See all the tracks on the album that contains the current song: From the Now Playing screen tap . Tap a track to play it. Tap the album cover thumbnail to return to the Now Playing screen.



In track list view, you can assign ratings to songs. You can use ratings to create smart playlists in iTunes that dynamically update to include, for example, your highest rated songs.

Rate a song: Drag your thumb across the rating bar to give the song zero to five stars.

Searching Music

You can search the titles, artists, albums, and composers of songs, podcasts, and other content you've synced to iPhone.



Search music: Enter text in the search field at the top of a song list, playlist, artist list, or other view of your iPod content. (Tap the status bar to scroll quickly to the top of a list and reveal the search field.)

Search results appear automatically as you type. Tap Search to dismiss the keyboard and see more of the results.

You can also use Spotlight to search for music. See "Searching" on page 37.

Using Genius on iPhone

Genius finds songs in your iTunes library that go great together. A Genius playlist is a collection of songs that are picked for you to go with a song you choose from your library. A Genius Mix is a selection of songs of the same kind of music. Genius Mixes are recreated each time you listen to them, so they're always new and fresh.

You can create Genius playlists in iTunes and sync them to iPhone. You can also create and save Genius playlists directly on iPhone.

Genius Mixes are created in iTunes. iTunes creates different mixes depending on the variety of music you have in your iTunes library. For example, you may have Genius Mixes that highlight R&B songs, or Alternative Rock songs.

To use Genius on iPhone, first turn on Genius in iTunes, then sync iPhone with iTunes. Genius Mixes are synced automatically, unless you manually manage your music and choose which mixes you want to sync in iTunes. Genius is a free service, but requires an iTunes Store account.

Genius Mixes require iTunes 9 or later. When you sync a Genius Mix, iTunes may select and sync songs from your library that you haven't otherwise chosen to sync.

Browse Genius Mixes: Tap Genius. The number of dots at the bottom of the screen shows the number of mixes you've synced from iTunes, and indicates which mix you're viewing. Flick left or right to access your other mixes.



Play a Genius Mix: Tap the mix or tap ▶.

Make a Genius playlist on iPhone:

1. Tap Playlists and tap Genius.
2. Tap a song in the list. Genius creates a playlist with additional songs that go great with that song.

You can also make a Genius playlist of songs that go great with the song you're playing. From the Now Playing screen, tap the album cover to display additional controls, then tap ⚛.

Save a Genius playlist: In the playlist, tap Save. The playlist is saved in Playlists with the title of the song you picked.

You can make and save as many Genius playlists as you want. If you save a Genius playlist created on iPhone, it syncs back to iTunes the next time you connect.

Refresh a Genius playlist: In the playlist, tap Refresh.

Refreshing a playlist creates a playlist of different songs that go great with the song you picked. You can refresh any Genius playlist, whether it was created in iTunes and synced to iPhone, or created directly on iPhone.

Create a Genius playlist from a new song: In the playlist, tap New, then pick a new song.

Delete a saved Genius playlist: In a playlist that you saved directly on iPhone, tap Edit, then tap Delete Playlist.

Once a Genius playlist is synced back to iTunes, you won't be able to delete it directly from iPhone. You can use iTunes to edit the playlist name, stop syncing, or delete the playlist.

Making On-The-Go Playlists

Make an on-the-go playlist:

1. Tap Playlists and tap On-The-Go.
2. Browse for songs using the buttons at the bottom of the screen. Tap any song or video to add it to the playlist. Tap Add All Songs at the top of any list of songs to add all the songs in the list.
3. When you finish, tap Done.

When you make an on-the-go playlist and then sync iPhone to your computer, the playlist is saved on iPhone and in your iTunes library, then deleted from iPhone. The first is saved as "On-The-Go 1," the second as "On-The-Go 2," and so on. To put a playlist back on iPhone, select iPhone in the iTunes sidebar, click the Music tab, and set the playlist to sync.

Edit an on-the-go playlist: Tap Playlists, tap On-The-Go, tap Edit, then do one of the following:

- *To move a song higher or lower in the list,* drag ☰ next to the song.
- *To delete a song from the playlist,* tap ⊖ next to a song, then tap Delete. Deleting a song from the on-the-go playlist doesn't delete it from iPhone.
- *To clear the entire playlist,* tap Clear Playlist.
- *To add more songs,* tap +.

Videos

With iPhone, you can view video content such as movies, music videos, and video podcasts. If a video contains chapters, you can skip to the next or previous chapter, or bring up a list and start playing at any chapter that you choose. If a video provides alternate language features, you can choose an audio language or display subtitles.

Playing Videos

Play a video: Tap Videos and tap the video.

Display playback controls: Tap the screen to show the controls. Tap again to hide them.

Controlling Video Playback

Videos play in widescreen to take full advantage of the display.

The scrubber bar lets you skip to any point along the timeline. You can adjust the scrub rate by sliding your finger down as you drag the playhead along the scrubber bar.



Lovers in Japan by Coldplay is available in the iTunes Store

Pause a video	Tap ⏸, or press the center button on the iPhone headset (or the equivalent button on your Bluetooth headset).
Resume playback	Tap ▶, or press the center button on the iPhone headset (or the equivalent button on your Bluetooth headset).
Raise or lower the volume	Drag the volume slider. You can also use the volume buttons on the iPhone headset (iPhone 3GS only).
Start a video over	Drag the playhead on the scrubber bar all the way to the left, or tap ⏮ if the video doesn't contain chapters.
Skip to the next chapter (if available)	Tap ⏭, or press the center button on the iPhone headset (or the equivalent button on your Bluetooth headset) twice quickly.
Go to the previous chapter (if available)	Tap ⏮, or press the center button on the iPhone headset (or the equivalent button on your Bluetooth headset) three times quickly.
Start playing at a specific chapter (if available)	Tap ☰, then choose a chapter from the list.

Rewind or fast-forward	Touch and hold ⏮ or ⏭.
Skip to any point in a video	Drag the playhead along the scrubber bar. Slide your finger down to adjust the scrub rate. The scrub rate becomes slower the farther down you slide your finger.
Stop watching a video before it finishes playing	Tap Done. Or press the Home ▢ button.
Scale a video to fill the screen or fit to the screen	Tap ⛶ to make the video fill the screen. Tap ⛶ to make it fit the screen. You can also double-tap the video to toggle between fitting and filling the screen. When you scale a video to fill the screen, the sides or top may be cropped from view. When you scale it to fit the screen, you may see black bars on the sides or above and below the video.
Select an alternate audio language (if available)	Tap 💬, then choose a language from the Audio list.
Show or hide subtitles (if available)	Tap 💬, then choose a language, or Off, from the Subtitles list.

Searching Video

You can search the titles of movies, TV shows, and video podcasts you've synced to iPhone.



Search video: Enter text in the search field at the top of the list of videos.

Search results appear automatically as you type. Tap Search to dismiss the keyboard and see more of the results.

Watching Rented Movies

You can rent movies in standard (480p) definition from the iTunes Store and watch them on iPhone. You can download rented movies directly to iPhone, or transfer them from iTunes on your computer to iPhone. You can also transfer rented movies back to iTunes from iPhone. (Rented movies aren't available in all regions.)

The movie must be fully downloaded before you can start watching. You can pause a download and resume it later. Rented movies expire after a certain number of days, and once you start a movie you have a limited amount of time to finish watching it. The time remaining appears near a movie's title. Movies are automatically deleted when they expire. Check the iTunes Store for the expiration time before renting a movie.

Transfer rented movies to iPhone: Connect iPhone to your computer. Then select iPhone in the iTunes sidebar, click Movies, and select the rented movies you want to transfer. Your computer must be connected to the Internet.

View a rented movie: On iPhone, choose iPod > Videos and select a movie.

Watching Videos on a TV

You can connect iPhone to your TV and watch your videos on the large screen. Use the Apple Component AV Cable, Apple Composite AV Cable, or other authorized iPhone compatible cable. You can also use these cables with the Apple Universal Dock to connect iPhone to your TV. (The Apple Universal Dock includes a remote that lets you control playback from a distance.) Apple cables and docks are available for purchase separately in many countries. Go to www.apple.com/ipodstore (not available in all countries).

Deleting Videos from iPhone

You can delete videos from iPhone to save space.

Delete a video: In the videos list, swipe left or right over the video, then tap Delete.

When you delete a video (other than rented movies) from iPhone, it isn't deleted from your iTunes library and you can sync the video back to iPhone later. If you don't want to sync the video back to iPhone, set iTunes to not sync the video. See "What You Need" on page 9.

Important: If you delete a rented movie from iPhone, it's deleted permanently and cannot be transferred back to your computer.

Setting a Sleep Timer

You can set iPhone to stop playing music or videos after a period of time.

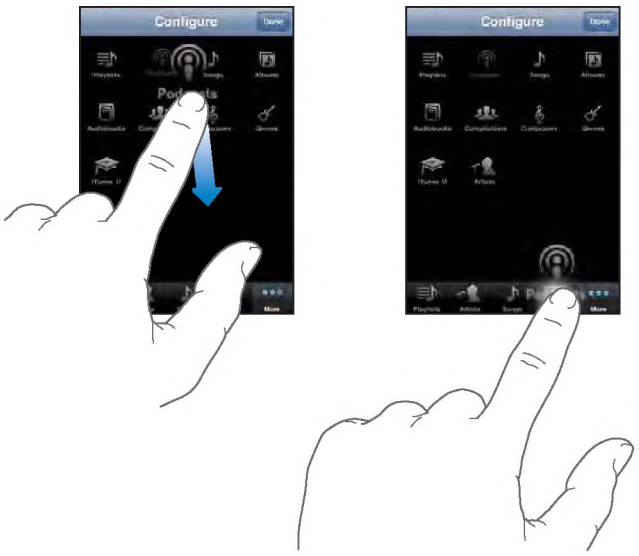
Set a sleep timer: From the Home screen choose Clock > Timer, then flick to set the number of hours and minutes. Tap When Timer Ends and choose Sleep iPod, tap Set, then tap Start to start the timer.

When the timer ends, iPhone stops playing music or video, closes any other open application, and then locks itself.

Changing the Browse Buttons

You can replace the browse buttons at the bottom of the screen with buttons you use more frequently. For example, if you often listen to podcasts, you can replace the Songs button with Podcasts.

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



You can drag the buttons at the bottom of the screen left or right to rearrange them. Tap Done when you finish. Tap More at any time to access the buttons you replaced.

Messages

7

Sending and Receiving Messages

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

Messages lets you exchange text messages with anyone using an SMS-capable phone. Messages also supports MMS, so you can send photos, video clips (iPhone 3GS only), contact information, and voice memos to other MMS-capable devices. You can enter multiple addresses and send a message to several people at the same time.

Note: MMS is available only on iPhone 3G or later. SMS or MMS support may not be available in all regions. Additional fees may apply for use of Messages. Contact your carrier for complete information.

You can use Messages whenever you're in range of the cellular network. If you can make a call, you can send a message. Depending on your phone plan, you may be charged for the messages you send or receive.

Send a message: Tap ✎, then enter a phone number or name, or tap ⊕ and choose a contact from your contacts list. Tap the text field above the keyboard, type a message, and tap Send.

The Messages icon on the Home screen shows the total number of unread messages you have.



Your conversations are saved in the Messages list. Conversations that contain unread messages have a blue dot next to them. Tap a conversation in the list to see that conversation or add to it.



iPhone displays the 50 most recent messages in the conversation. To see earlier messages, scroll to the top and tap Load Earlier Messages.

Send a message to more than one person: Tap, then add recipients. If you enter a phone number manually (instead of selecting it from Contacts), tap Return before entering another entry.

Replies from any of the recipients are sent only to you, not to the other people you texted.

Reply or send a message to a person (or group) you've texted before: Tap an entry in the Messages list, then type a new message in the conversation and tap Send.

Send a message to a favorite or to a recent call:

1. From the Home screen tap Phone, then tap Favorites or Recents.
2. Tap next to a name or number, then tap Text Message.
3. If multiple phone numbers appear, tap the one you want to text.

When MMS is available, Messages allows you to include a subject in your text messages. You can turn this feature on or off in Messages settings. It is turned on by default.

Include or remove the subject field: In Settings, tap Messages, then tap Show Subject Field to turn it on or off.

Note: The subject field and the Show Subject Field setting don't appear if MMS isn't supported by your carrier.

Turn MMS messaging on or off: In Settings, tap Messages, then tap MMS Messaging to turn it on or off. You may want to turn MMS Messaging off, for example, to prevent sending or receiving attachments when fees apply.

Note: The MMS Messaging setting doesn't appear if MMS isn't supported by your carrier.

Sharing Photos and Videos

You can take a photo or make a video (iPhone 3GS only) from within Messages and include it in your conversation with another MMS-capable device. You can save photos or videos you receive in Messages to your Camera Roll album.

If MMS isn't supported by your carrier, the button doesn't appear and you can't send photos or videos.

Send a photo or video: Tap and tap "Take Photo or Video" (iPhone 3GS only; on earlier models, tap "Take Photo") or "Choose Existing" and select an item from a photo album and tap Choose.

The limit to the size of attachments is determined by your carrier. If necessary, iPhone may compress the photo or video. To learn about taking photos and videos, see Chapter 10, "Camera," on page 103.

Save a photo or video attachment to your Camera Roll album: Tap the photo or video in the conversation, tap , then tap Save Image or Save Video.

Copy a photo or video: Touch and hold the attachment, then tap Copy. You can paste the photo or video to an Mail message or another MMS message.

Sending Voice Memos

You can send voice memos in a message to another MMS-capable device.

Send a voice memo: In Voice Memos, tap , tap the voice memo you want to send, then tap Share and tap MMS. Address the message and tap Send.

Editing Conversations

If you want to keep a conversation but not the entire thread, you can delete the parts you don't want. You can also delete entire conversations from the Messages list.

Edit a conversation: Tap Edit. Tap the circles along the left side to select the parts of the conversation you want to delete, then tap Delete. When you're finished, tap Done.

Clear all text and files, without deleting the conversation: Tap Edit, then tap Clear All. Tap Clear Conversation to confirm.

Forward a conversation: Select a conversation, then tap Edit. Tap the circles on the left side of the screen to select the parts of the conversation you want to include, then tap Forward, enter one or more recipients, and tap Send.

Delete a conversation: Tap Edit, then tap next to the conversation and tap Delete. You can also swipe left or right over the conversation and tap Delete.



Using Contact Information and Links

Call or email someone you've texted: Tap a message in the Text Messages list and scroll to the top of the conversation. (Tap the status bar to scroll quickly to the top of the screen.)

- *To call the person,* tap Call.
- *To email the person,* tap Contact Info, then tap an email address.

Follow a link in a message: Tap the link.

A link may open a webpage in Safari, initiate a phone call in Phone, open a preaddressed message in Mail, or display a location in Maps. To return to your text messages, press the Home button and tap Messages.

Add someone you've texted to your contacts list: Tap a phone number in the Messages list, then tap "Add to Contacts."

Send contact information: In Contacts, tap the person whose information you want to share. Tap Share Contact at the bottom of the screen, then tap MMS. Address the message and tap Send.

Save contact information received: Tap the contact bubble in the conversation and tap Create New Contact or "Add to Existing Contact."

Managing Previews and Alerts

By default, iPhone displays a preview of new messages when iPhone is locked or you are using another application. You can turn this preview on or off in Settings. You can also enable alerts for text messages.

Turn previews on or off: In Settings, choose Messages and tap Show Preview.

Repeat previews: In Settings, choose Messages and tap Repeat Alert. If you don't respond to the first preview of a new message, the preview will be displayed twice more.

Set whether an alert sounds when you get a text message or preview: In Settings, choose Sounds, then tap New Text Message. Tap the alert sound you want, or None if you don't want an audible alert.

Important: If the Ring/Silent switch is off, text alerts won't sound.

Calendar

8



About Calendar

Calendar lets you view individual calendars for your different accounts or a combined calendar for all accounts. You can view your events in a continuous list, by day, or by month, and search events by title, invitee, or location.

You can sync iPhone with the calendars on your computer. You can also make, edit, or cancel appointments on iPhone, and have them synced back to your computer. You can subscribe to Google, Yahoo!, or Mac OS X iCal calendars using a CalDAV or iCalendar (.ics) account. If you have a Microsoft Exchange account, you can receive and respond to meeting invitations.

Syncing Calendars

You can sync Calendar in either of the following ways:

- In iTunes, use the iPhone preference panes to sync with iCal or Microsoft Entourage on a Mac, or Microsoft Outlook 2003 or 2007 on a PC when you connect iPhone to your computer. See "Syncing" on page 11.
- In Settings on iPhone, select Calendar in your MobileMe or Microsoft Exchange accounts to sync your calendar information over the air. See "Setting Up Accounts" on page 16.

Viewing Your Calendar

You can view individual calendars for your different accounts or a combined calendar for all accounts.

View a different calendar: Tap Calendars, then select a calendar. Tap All Calendars to view combined events from all calendars.

You can view your calendar events in a list, by day, or by month. The events for all of your synced calendars appear in the same calendar on iPhone.

Switch views: Tap List, Day, or Month.

- *List view:* All your appointments and events appear in a scrollable list.
- *Day view:* Scroll up or down to see the events in a day. Tap ◀ or ▶ to see the previous or next day's events.
- *Month view:* Tap a day to see its events. Tap ◀ or ▶ to see the previous or next month.



See the details of an event: Tap the event.

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

1. In Settings, choose "Mail, Contacts, Calendars."
2. Under Calendars, tap Time Zone Support, then turn Time Zone Support on.
3. Tap Time Zone and search for a major city in the time zone you want.

When Time Zone Support is on, Calendar displays event dates and times in the time zone of the city you selected. When Time Zone Support is off, Calendar displays events in the time zone of your current location as determined by the network time.

Searching Calendars

You can search the titles, invitees, and locations of the events in your calendars. Calendar searches the calendar you're currently viewing, or all calendars if you're viewing them all.



Search events: In list view, enter text in the search field.

Search results appear automatically as you type. Tap Search to dismiss the keyboard and see more results.

Subscribing to and Sharing Calendars

You can subscribe to calendars that use the CalDAV or iCalendar (.ics) formats. Many calendar-based services, including Yahoo!, Google, and the Mac OS X iCal application, support either format.

Subscribed calendars are read only. You can read events from subscribed calendars on iPhone, but can't edit them or create new events. You also can't accept invitations from CalDAV accounts.

Subscribe to a CalDAV or .ics calendar:

1. In Settings, choose "Mail, Contacts, Calendars," then tap Add Account.
2. Choose Other, then choose either Add CalDAV Account or Add Subscribed Calendar.
3. Enter your account information, then tap Next to verify the account.
4. Tap Save.

Apple provides links to a number of free iCal calendars—for national holidays or sports events, for example—that you may want to subscribe to. The calendars are automatically added to iCal on your desktop when you download them. You can then sync them to iPhone as described in "Subscribing to and Sharing Calendars" on page 93. Go to /www.apple.com/downloads/macosx/calendars.

You can also subscribe to an iCal (or other .ics) calendar published on the web by tapping a link to the calendar you receive in an email or text message on iPhone.

Adding Calendar Events to iPhone

You can also enter and edit calendar events directly on iPhone.

Add an event: Tap + and enter event information, then tap Done.

You can enter any of the following:

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

  When you set an alert, the option to set a second alert appears. When an alert goes off, iPhone displays a message. You can also set iPhone to play a sound (see "Alerts" on page 96).

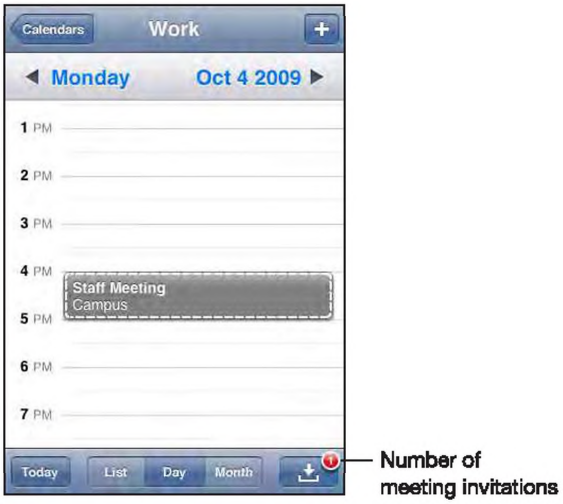
  Important: Some carriers don't support network time in all locations. If you're traveling, iPhone may not alert you at the correct local time. To manually set the correct time, see "Date and Time" on page 147.
- Notes

To select which calendar to add the event to, tap Calendar. Read-only calendars don't appear in the list.

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

Responding to Meeting Invitations

If you have a Microsoft Exchange account set up on iPhone with Calendars enabled, you can receive and respond to meeting invitations from people in your organization. When you receive an invitation, the meeting appears in your calendar with a dotted line around it. The icon in the lower-right corner of the screen indicates the total number of new invitations you have, as does the Calendar icon on the Home screen.



Respond to an invitation in Calendar:

1 Tap a meeting invitation in the calendar, or tap to display the Event screen and tap an invitation.



- Tap "Invitation from" to get contact information for the meeting organizer. Tap the email address to send a message to the organizer. If the organizer is in your contacts, you can also tap to call or send a text message.

- Tap Attendees to see the other people invited to the meeting. Tap a name to see an attendee's contact information. Tap the email address to send a message to the attendee. If the attendee is in your contacts, you can also tap to call or send a text message.
- Tap Alert to set iPhone to sound an alert before the meeting.
- Tap Add Comments to add comments in the email response to the meeting organizer. You comments will also appear in your Info screen for the meeting.

Notes are made by the meeting organizer.

2 Tap Accept, Maybe, or Decline.

When you accept, tentatively accept, or decline the invitation, a response email that includes any comments you added is sent to the organizer.

If you accept or tentatively accept the meeting, you can change your response later. Tap Add Comments if you want to change your comments.

Exchange meeting invitations are also sent in an email message, which lets you open the meeting's Info screen from Mail.

Open a meeting invitation in an email message: Tap the invitation.



Alerts

Set calendar alerts: In Settings, choose Sounds, then turn Calendar Alerts on. If Calendar Alerts is off when an event is about to occur, iPhone displays a message but makes no sound.

Important: If the Ring/Silent switch is off, calendar alerts won't sound.

Sound alerts for invitations: In Settings, choose "Mail, Contacts, Calendar." Under Calendars, tap New Invitation Alert to turn it on.

Photos

9



About Photos

iPhone lets you carry photos and videos with you, so you can share them with your family, friends, and associates. You can sync photos and videos (Mac only) from your computer, view photos and videos (iPhone 3GS only) taken with the built-in camera, use photos as wallpaper, and assign photos to identify contacts when they call. You can also send photos and videos in email messages, send photos and videos (iPhone 3GS only) in MMS messages, and upload photos and videos to MobileMe galleries.

Note: MMS is available only on iPhone 3G or later and if supported by your carrier.

Syncing Photos and Videos with Your Computer

iTunes can sync your photos and videos (Mac only) with the following applications:

- *Mac:* iPhoto 4.0.3 or later, or Aperture
- *PC:* Adobe Photoshop Elements 3.0 or later

See "Syncing with iTunes" on page 12.

iPhone supports H.264 and MPEG-4 video formats, with AAC audio. If you are having trouble syncing a video to iPhone, you might be able to use iTunes to create an iPhone version of the video.

Create an iPhone version of a video:

1. Copy the video to your iTunes library.
2. In iTunes, select Movies in the Library list and select the video you want to sync.
3. Choose Advanced > "Create iPod or iPhone Version."

For additional information, go to support.apple.com/kb/HT1211.

Viewing Photos and Videos

Photos and videos (Mac only) synced from your computer's photo application can be viewed in Photos. You can also view the photos and videos (iPhone 3GS only) you've taken with iPhone's built-in camera or saved from an email or MMS message (iPhone 3GS only).

View photos and videos:

1. In Photos, tap a photo album.
2. Tap a thumbnail to see the photo or video in full screen.

Show or hide the controls: Tap the full-screen photo or video to show the controls. Tap again to hide the controls.



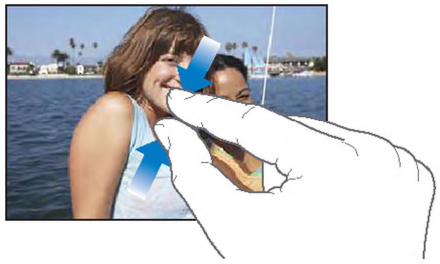
Play a video: Tap ▶ in the center of the screen.

To replay a video, tap ▶ at the bottom of the screen. If you don't see ▶, tap the screen to show the controls.

View a photo or video in landscape orientation: Rotate iPhone sideways. The photo or video reorients automatically and, if it's in landscape format, expands to fit the screen.



Zoom in on part of a photo: Double-tap where you want to zoom in. Double-tap again to zoom out. You can also pinch to zoom in or out.



View video in full screen, or fit video to screen: Double tap the screen to scale the video to fill the screen. Double-tap again to fit the video to the screen.

Pan around a photo: Drag the photo.

See the next or previous photo or video: Flick left or right. Or tap the screen to show the controls, then tap ➡ or ⬅.



Slideshows

You can view photo albums as slideshows, complete with background music.

View a photo album as a slideshow: Tap an album, then tap ▶.

Videos play automatically when they appear during the slideshow.

Stop a slideshow: Tap the screen.

Set slideshow settings: In Settings, choose Photos and set the following options:

- *To set the length of time each slide is shown,* tap Play Each Slide For and choose a time.
- *To set transition effects when moving from photo to photo,* tap Transition and choose a transition type.
- *To set whether slideshows repeat,* turn Repeat on or off.
- *To set whether photos and videos are shown in random order,* turn Shuffle on or off.

Play music during a slideshow: In iPod, play a song, then choose Photos from the Home screen and start a slideshow.

Sharing Photos and Videos

You can send photos and videos in email and MMS messages, add photos and videos to MobileMe galleries, and publish videos to YouTube. You can also copy and paste photos and videos, save photos and videos from email messages to Photos, and save images from webpages to Photos.

Note: MMS is available only on iPhone 3G or later and if supported by your carrier. MMS video attachments are supported only on iPhone 3GS.

Sending a Photo or Video in an Email or MMS Message

Send a photo or video: Choose a photo or video and tap , then tap Email Photo/Video or MMS.

If you don't see , tap the screen to show the controls.

The limit to the size of attachments is determined by your carrier. If necessary, iPhone may compress the photo or video. To learn about taking photos and videos, see Chapter 10, "Camera," on page 103.

Copying and Pasting Photos and Videos

You can copy a photo or video from Photos and paste it to an email or MMS message. Some third-party applications may also support copying and pasting photos and videos.

Copy a photo or video: Hold your finger on the screen until the Copy button appears, then tap Copy.

Paste a photo or video: Tap to place an insertion point where you want to place the photo or video, then tap the insertion point and tap Paste.

Adding a Photo or Video to a MobileMe Gallery

If you have a MobileMe account, you can add photos and videos (iPhone 3GS only) directly from iPhone to a gallery you've created. You can also add photos and videos to someone else's MobileMe gallery if that person has enabled email contributions.

Before you can add photos or videos to a gallery in your MobileMe account, you must:

- Set up your MobileMe account on iPhone
- Publish a MobileMe gallery, and allow adding photos via email or iPhone

For more information about creating a gallery and adding photos and videos to it, see MobileMe Help.

Add a photo or video to your gallery: Choose a photo or video and tap , then tap "Send to MobileMe." Enter a title and description, if you like, then select the album to add the photo or video to and tap Publish.

If you don't see , tap the screen to show the controls.

iPhone tells you when the photo or video has been published, and gives you options to view it on MobileMe or email a link to a friend.

Adding a photo or video to someone else's gallery: Choose a photo or video and tap , then tap "Email Photo/Video." Enter the album's email address, then click Send.

Publishing Videos to YouTube

If you have a YouTube account, you can publish videos directly from iPhone to YouTube (iPhone 3GS only). You can't publish videos longer than than ten minutes.

Publish a video to You Tube:

1. While viewing a video, tap , then tap "Send to YouTube."
2. Sign in to your YouTube account.
3. Enter publishing information such as Title, Description, and Tags.
4. Tap Category to choose a category.
5. Tap Publish.

Saving Photos and Videos from Email Messages, MMS Messages, and Webpages

Save a photo in an email message to your Camera Roll album: Tap the photo, then tap Save Image. If the photo hasn't been downloaded yet, tap the download notice first.

Save a video in an email message to your Camera Roll album: Touch and hold the attachment, then tap Save Video. If the video hasn't been downloaded yet, tap the download notice first.

Save a photo on a webpage to your Camera Roll album: Touch and hold the photo, then tap Save Image.

Save a photo or video in an MMS message to your Camera Roll album: Tap the image in the conversation, tap , and tap Save Image or Save Video.

If you don't see , tap the screen to show the controls.

You can download the photos and videos in your Camera Roll album to your computer's photo application by connecting iPhone to your computer.

Assigning a Photo to a Contact

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

Assign a photo to a contact:

1. Choose Camera from the Home screen and take someone's picture. Or choose any photo already on iPhone and tap .
2. Tap "Assign to Contact" and choose a contact.
3. Position and size the photo until it looks the way you want.

   Drag the photo to pan, and pinch to zoom in or out.
4. Tap Set Photo.

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

Wallpaper

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

Set a photo as wallpaper:

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

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

Camera

10



About Camera

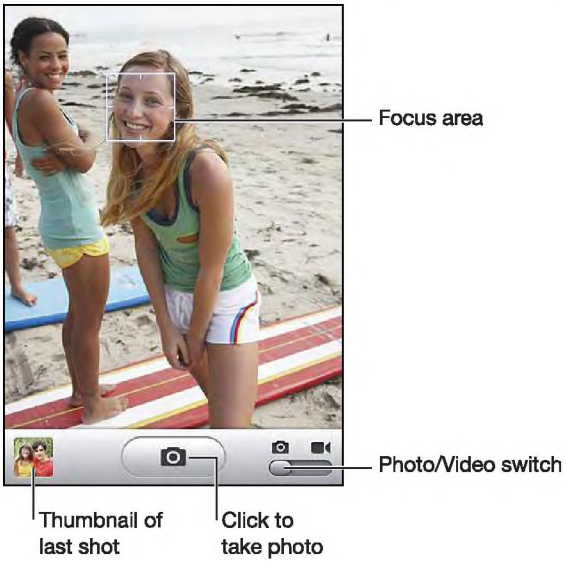
With the built-in camera, it's easy to take photos and record videos with iPhone. The lens is on the back of iPhone, so you can use the screen to see the photo or video you're taking. "Tap to focus" (iPhone 3GS only) lets you focus on a specific area of your shot and automatically adjust the exposure. You can quickly review—and keep or delete—photos and videos you've taken.

Note: Video features are available only on iPhone 3GS.

Camera photos are tagged with location data, including your current geographical coordinates provided by the built-in compass (iPhone 3GS only), if Location Services is turned on. You can use location data with some applications and photo-sharing websites to track and post where you took your pictures. If Location Services is turned off, you'll be prompted to turn it on. If you don't want to include location data with your photos and videos, you can still use Camera without having Location Services turned on. See "Location Services" on page 144.

Taking Photos and Recording Videos

Taking photos and recording videos with iPhone is as easy as point and tap.



Take a photo: Aim iPhone and tap .

Make sure the Camera/Video switch is set to .

When you take a photo or start a video recording, iPhone makes a shutter sound. The sound isn't played if you've set the Ring/Silent switch to silent. See "Sounds and the Ring/Silent Switch" on page 141.

Note: In some regions, the sound effects for Camera are played even if the Ring/Silent switch is set to silent.

Record a video: Slide the Camera/Video switch to . Tap to start recording. The record button blinks while Camera is recording. Tap again to stop recording. You can also press the center button on the iPhone headset (or the equivalent button on your Bluetooth headset) to start and stop recording.

If you take a picture or record a video with iPhone rotated sideways, the picture is saved in landscape orientation.

A rectangle on the screen shows the area where Camera is focusing the shot.

Change the focus area and set exposure: Tap where you want to focus. Camera automatically adjusts the exposure for the selected area of the image.

Review a photo or video you've just taken: Tap the thumbnail of your last shot, in the lower-left corner of the screen.

Delete a photo or video: Tap . If you don't see , tap the screen to display the controls.

Take a screenshot of the iPhone display: Quickly press and release the Sleep/Wake and Home buttons at the same time. A flash of the screen lets you know the screenshot was taken. The screenshot is added to the Camera Roll album.

Viewing and Sharing Photos and Videos

The photos and videos you take with Camera are saved in the Camera Roll album on iPhone. You can view the Camera Roll album from either Camera or Photos.

View photos and videos in the Camera Roll album: In Camera, tap the thumbnail image in the lower-left corner of the screen. In Photos, tap the Camera Roll album. Tap the left or right button, or flick left or right to flip through the photos and videos.

When viewing a photo or video in the Camera Roll album, tap the screen to display the controls.

For more information about viewing and sharing photos and videos, see:

- "Viewing Photos and Videos" on page 98
- "Sharing Photos and Videos" on page 100

Trimming Videos

You can trim the frames from the beginning and end of videos that you record. You can trim the original video or save the trim as a new clip.



Trim a video:

1. While viewing a video, tap the screen to display the controls.
2. Drag either end of the frame viewer at the top of the video, then tap Trim.
3. Tap Trim Original or tap Save as New Clip.

Important: Trimming the original video permanently deletes the frames you edit from the video.

New clips are saved in the Camera Roll album along with the original video.

Uploading Photos and Videos to Your Computer

You can upload the photos and videos you take with Camera to photo applications on your computer, such as iPhoto on a Mac.

Upload images to your computer: Connect iPhone to your computer.

- *Mac:* Select the photos you want and click the Import or Download button in iPhoto or other supported photo application on your computer.
- *PC:* Follow the instructions that came with your camera or photo application.

If you delete the photos and videos from iPhone when you upload them to your computer, they're removed from the Camera Roll album. You can use the iTunes Photos setup pane to sync photos and videos (Mac only, iTunes 9 or later required) back to the Photos application on iPhone. See "iPhone Settings Panes in iTunes" on page 13.

YouTube

11



Finding and Viewing Videos

YouTube features short videos submitted by people from around the world. To use some features on iPhone, you need to sign in to a YouTube account when prompted. For information about requirements and how to get a YouTube account, go to www.youtube.com.

Note: YouTube isn't available in all languages and locations.

Browse videos: Tap Featured, Most Viewed, or Favorites. Or tap More to browse by Most Recent, Top Rated, History, Subscriptions, or Playlists.

- *Featured:* Videos reviewed and featured by YouTube staff.
- *Most Viewed:* Videos most seen by YouTube viewers. Tap All for all-time most viewed videos, or Today or This Week for most-viewed videos of the day or week.
- *Favorites:* Videos you've added to Favorites. When you sign in to a YouTube account, account favorites appear and any existing favorites can be synced to your account.
- *Most Recent:* Videos most recently submitted to YouTube.
- *Top Rated:* Videos most highly rated by YouTube viewers. To rate videos, go to www.youtube.com.
- *History:* Videos you've viewed most recently.
- *Subscriptions:* Videos from YouTube accounts to which you've subscribed. You must be signed in to a YouTube account to use this feature.
- *Playlists:* Videos you've added to playlists. You must be signed in to a YouTube account to use this feature.

Search for a video:

1. Tap Search, then tap the YouTube search field.
2. Type a word or phrase that describes what you're looking for, then tap Search.

YouTube shows results based on video titles, descriptions, tags, and user names. Listed videos show title, rating, number of views, length, and the account name that posted the video.

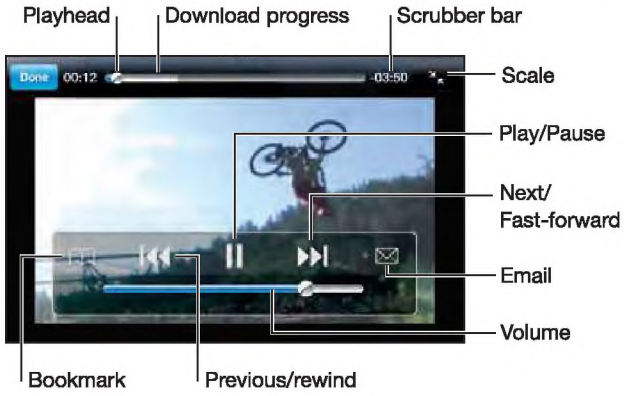
Play a video: Tap the video.

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

Controlling Video Playback

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

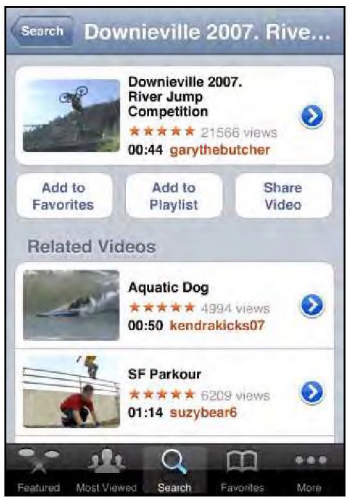
Show or hide the video controls: Tap the screen.



Play or pause a video	Tap ▶ or ❚❚. You can also press the center button on the iPhone headset (or the equivalent button on your Bluetooth headset).
Adjust the volume	Drag the volume slider, or use the volume buttons on the side of iPhone. You can also use the volume buttons on the iPhone headset (iPhone 3GS only).
Start a video over	Tap ⏮.
Skip to the next or previous video in a list	Tap ⏮ twice to skip to the previous video. Tap ⏭ to skip to the next video.
Rewind or fast-forward	Touch and hold ⏮ or ⏭.
Skip to any point in a video	Drag the playhead along the scrubber bar.
Stop watching a video before it finishes playing	Tap Done, or press the Home ▢ button.
Toggle between scaling a video to fill the screen or fit to the screen	Double-tap the video. You can also tap ⛶ to make the video fill the screen, or tap ⛶ to make it fit the screen.
Add a video to Favorites using video controls	Start playing a video and tap 🕮.
Email a link to the video using video controls	Start playing a video and tap ✉.

Managing Videos

Tap next to a video to see related videos and more controls for managing videos.



Add the video to Favorites	Tap "Add to Favorites."
Add the video to a playlist	Tap "Add to Playlist," then select an existing playlist or tap + to create a new playlist.
Email a link to the video	Tap Share Video.
Browse and view related videos	Tap a video in the list of related videos to view, or tap next to a video for more information.

Getting More Information

Tap next to the video to show the video's comments, description, date added, and other information.



Rate the video or add a comment	On the More Info screen, tap "Rate, Comment, or Flag," then choose "Rate or Comment." You must be signed in to a YouTube account to use this feature.
See more videos from this account	On the More Info screen, tap More Videos.
Subscribe to this YouTube account	On the More Info screen, tap More Videos, then tap "Subscribe to <*account*>" at the bottom of the video list. You must be signed in to a YouTube account to use this feature.

Using YouTube Account Features

If you have a YouTube account, you can access account features such as subscriptions, comments and ratings, and playlists. To create a YouTube account, go to www.youtube.com.

Show favorites you've added to your account: In Favorites, tap Sign In, then enter your username and password to see your account favorites. Any existing favorites you've added to iPhone can be merged with your account favorites when you sign in.

Delete a favorite: In Favorites, tap Edit, tap ⊖ next to a video, then tap Delete.

Show subscriptions you've added to your account: In Subscriptions, tap Sign In, then enter your username and password to see your account subscriptions. Tap an account in the list to see all videos for that account.

Unsubscribe from a YouTube account: In Subscriptions, tap an account in the list, then tap Unsubscribe.

View playlists: In Playlists, tap a playlist to see the list of videos you've added. Tap any video in the playlist to begin playing videos from that point in the playlist.

Edit a playlist: In Playlists, tap Edit, then do one of the following:

- *To delete the entire playlist,* tap ⊖ next to a playlist, then tap Delete.
- *To create a new playlist,* tap +, then enter a name for the playlist.

Add a video to a playlist: Tap ⊕ next to a video, then tap "Add to Playlist" and choose a playlist.

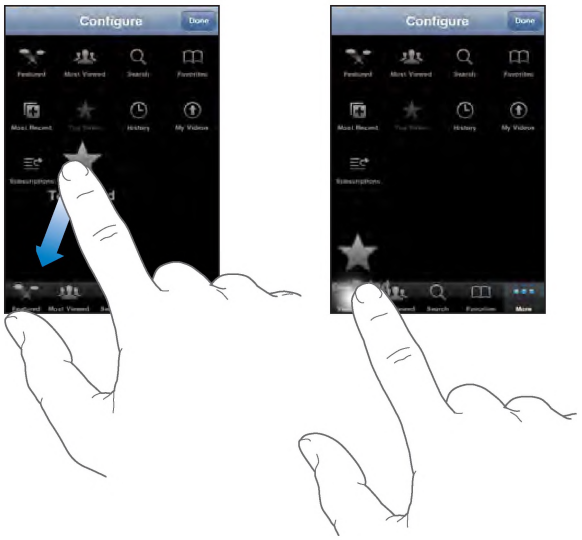
Delete a video from a playlist:

1. In Playlists, tap a playlist, then tap Edit.
2. Tap ⊖ next to a playlist, then tap Delete.

Changing the Browse Buttons

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

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



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

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

Sending Videos to YouTube

If you have a YouTube account, you can send videos directly from iPhone 3GS to YouTube. See "Publishing Videos to YouTube" on page 101.