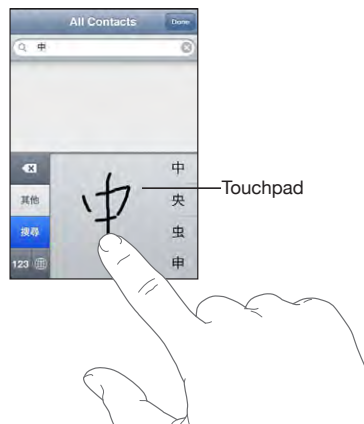


<b>Enter Korean</b>	Use the 2-Set Korean keyboard to type Hangul letters. To type double consonants or compound vowels, touch and hold the letter, then slide to choose the double letter.
<b>Enter Simplified or Traditional Chinese Pinyin</b>	Use the QWERTY keyboard to enter Pinyin for Chinese characters. As you type, suggested Chinese characters appear. Tap a character to choose it, or continue entering Pinyin to see more character options.
<b>Enter Traditional Chinese Zhuyin</b>	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.
<b>Enter handwritten Simplified or Traditional Chinese</b>	Use the touchpad to enter Chinese characters with your finger. As you write character strokes, iPod touch 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 鱻 (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 iPod touch, including Mail, Calendar, Music, Video, 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 iPod touch to go to Spotlight when you double-click the Home button. See "Home" on page 120.

**Search iPod touch:** 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)
Music and Video	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 iPod touch, so if you have a lot of applications you may want to use Spotlight as a way to locate and open applications.

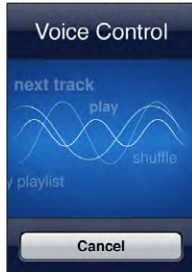
**Open applications from Spotlight:** Enter the application name, then tap to open the application directly from the search results.

Use the Search Results settings to choose which applications are searched and the order in which they're searched. See "Home" on page 120.

## Voice Control

Voice Control (available only on Fall 2009 models with 32 GB or more) lets you control iPod music playback using voice commands.

**Note:** Requires included headset or compatible accessory with microphone. 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 iPod touch headset (or the equivalent button on your Bluetooth headset).

Use the following commands to play songs.

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

For best results:

- Speak clearly and naturally.
- Say only iPod touch commands and names. Pause slightly between commands.

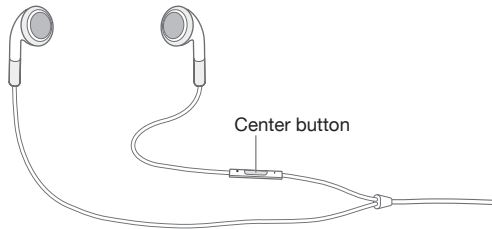
By default, Voice Control expects you to speak voice commands in the language that's set for iPod touch (the General > International > Language setting). The Voice Control settings let you change the language for speaking voice commands. Some languages are available in different dialects or accents.

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

See “Using Voice Control with iPod” on page 46.

## Stereo Headset

The headset included with Fall 2009 models with 32 GB or more (shown here) features a microphone, volume buttons, and an integrated button that allows you to control audio and video playback.



Plug in the headset to listen to music or record a voice memo using the built-in microphone. Press the center button to control music playback, even when iPod touch 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.
Adjust the volume	Press the + or – button.
Use Voice Control	Press and hold the center button. See “Voice Control” on page 33.

## Bluetooth Headphones



You can use iPod touch with Bluetooth stereo headphones for wireless listening (not available on first-generation iPod touch).

### Pairing Headphones with iPod touch

You must first pair your Bluetooth headphones with iPod touch before you can use them.




#### Pair Bluetooth headphones with iPod touch:

- 1 Follow the instructions that came with the headphones to make them discoverable.
- 2 In Settings, choose General > Bluetooth and turn Bluetooth on.
- 3 Select the headphones and, if prompted, enter the passkey or PIN number. See the instructions about the passkey or PIN that came with your headphones.

After you pair headphones with iPod touch, the product name and a Bluetooth audio  icon appear on the screen when you are viewing audio or video playback controls. Tap  to switch to a different audio output, such as the internal speaker.

## Bluetooth Status

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

-  (blue) or  (white): Bluetooth is on and a device is connected to iPod touch. (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 iPod touch, it may be out of range or turned off.
- *No Bluetooth icon*: Bluetooth is turned off.


## Unpairing a Bluetooth Device from iPod touch

If you've paired iPod touch with one Bluetooth device and want to use another device instead, you must unpair the first device.

**Unpair a Bluetooth device:**

- 1 In Settings, choose General > Bluetooth and turn Bluetooth on.
- 2 Choose the device and tap "Forget this Device."


## Connecting to the Internet

iPod touch connects to the Internet via Wi-Fi  networks. iPod touch can join AirPort and other Wi-Fi networks at home, at work, or at Wi-Fi hotspots around the world. When joined to a Wi-Fi network that is connected to the Internet, iPod touch connects to the Internet automatically whenever you use Mail, Safari, YouTube, Stocks, Maps, Weather, the App Store, or the iTunes Store.


## 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 iPod touch 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, iPod touch automatically connects to it whenever the network is in range. If more than one previously used network is in range, iPod touch joins the one last used.

When iPod touch 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 115.

## 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 117.

VPN can also be automatically set up by a configuration profile. See “Installing Configuration Profiles” on page 15. When VPN is set up by a configuration profile, iPod touch may turn on VPN automatically whenever it’s needed. Contact your system administrator for more information.

## Battery

iPod touch has an internal rechargeable battery. The battery isn’t user accessible and should only be replaced by an authorized service provider.

## Charging the Battery

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

The battery icon in the upper-right corner shows the battery level or charging status.



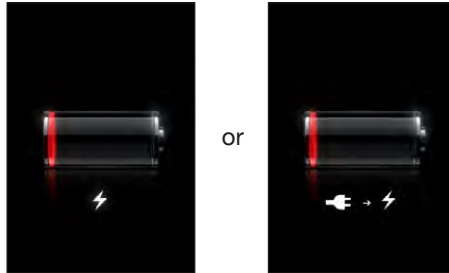
**Charge the battery and sync iPod touch:** Connect iPod touch to your computer using the included Dock Connector to USB Cable.



**Important:** The iPod touch battery may drain instead of charge if iPod touch 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 iPod touch, it may take longer to charge. You can also charge iPod touch using the Apple USB Power Adapter, available separately.

**Important:** If iPod touch is very low on power, it may display one of the following images, indicating that iPod touch needs to charge for up to ten minutes before you can use it. If iPod touch 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

iPod touch uses lithium-ion batteries. To learn more about how to maximize the lifespan and battery life of your iPod touch, go to [www.apple.com/batteries](http://www.apple.com/batteries).

## Replacing the Battery

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

## Security Features

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

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

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

For additional information about using a passcode lock, see "Passcode Lock" on page 119.

The Find My iPhone feature helps you locate iPod touch if it's been lost or misplaced, and display a message on your iPod touch to help someone return it to you. It includes Remote Wipe, which lets you erase all your information on iPod touch in case you don't recover it. The Remote Passcode Lock feature lets you remotely lock your iPod touch 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](http://www.apple.com/mobileme) for more information.

To enable this feature, turn on Find My iPod touch in your MobileMe account settings. See "Setting Up Accounts" on page 13.

**Find your iPod touch:** Log in to your MobileMe account at [www.me.com](http://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 iPod touch:** Log in to your MobileMe account at [www.me.com](http://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 iPod touch" on page 122.

**Remotely lock your iPod touch:** Log in to your MobileMe account at [www.me.com](http://www.me.com), then go to the Find My iPhone pane. Click Remote Passcode Lock, and follow the onscreen instructions.

## Cleaning iPod touch

To clean iPod touch, unplug all cables and turn off iPod touch (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 iPod touch.

For additional information about handling iPod touch, see the *iPod touch Important Product Information Guide* at [www.apple.com/support/manuals/ipodtouch](http://www.apple.com/support/manuals/ipodtouch).



## Restarting and Resetting iPod touch

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

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

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

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

**Reset iPod touch:** 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 150.



iPod touch 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 iPod touch, 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 iPod touch.

### Syncing Content from iTunes

You can transfer music, video, and more onto iPod touch 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 automatically:

- 1 Connect iPod touch to your computer.
- 2 In iTunes, select iPod touch in the sidebar.
- 3 On the Music, Movies, TV Shows, Podcasts, and iTunes U tabs, select the content you want to sync to iPod touch. 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.

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

Only songs and videos encoded in formats that iPod touch supports are transferred to iPod touch. For information about which formats iPod touch supports, see “Song, Video, or Other Items Won’t Play” on page 153.

If there are more songs in your iTunes library than can fit on your iPod touch, iTunes offers to create a special playlist to sync with iPod touch. 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 iPod touch, 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 7.

## Manually Managing Content

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

### Set up iPod touch for manually managing content:

- 1 Connect iPod touch to your computer.
- 2 In iTunes, select iPod touch in the sidebar.
- 3 Click the Summary tab and select “Manually manage music and videos.”
- 4 Click Apply.

**Add items to iPod touch:** Drag a song, video, podcast, or playlist in your iTunes library to iPod touch (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 iPod touch the next time iTunes syncs content.

**Remove items from iPod touch:** With iPod touch connected to your computer, select the iPod touch 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 iPod touch doesn’t delete it from your iTunes library.

## Purchasing and Downloading Content from the iTunes Store

You can use the iTunes Store on iPod touch to purchase and download songs, albums, TV shows, movies, music videos, and audiobooks directly to iPod touch. You can also stream and download audio and video podcasts, as well as iTunes U content. See “About the iTunes Store” on page 131.

## Transferring Purchased Content to Another Computer

You can transfer content on iPod touch 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 iPod touch to the other computer. iTunes asks if you want to transfer purchased content.

## Converting Videos for iPod touch

You can add videos other than those purchased from the iTunes Store to iPod touch, 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 iPod touch and a message says the video can't play on iPod touch, you can convert the video.

**Convert a video to work with iPod touch:** Select the video in your iTunes library and choose Advanced > "Create iPod or iPhone Version." Then add the converted video to iPod touch.

## Music and Other Audio

The high-resolution Multi-Touch display makes listening to songs on iPod touch 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.

You can listen to audio from the internal speaker (not available on first-generation iPod touch), headphones attached to the headphones port, or Bluetooth stereo headphones paired wirelessly. When headphones are attached or paired, no sound comes out of the speaker.

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

## 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 iPod touch with iTunes. See "Using Genius on iPod touch" on page 48.

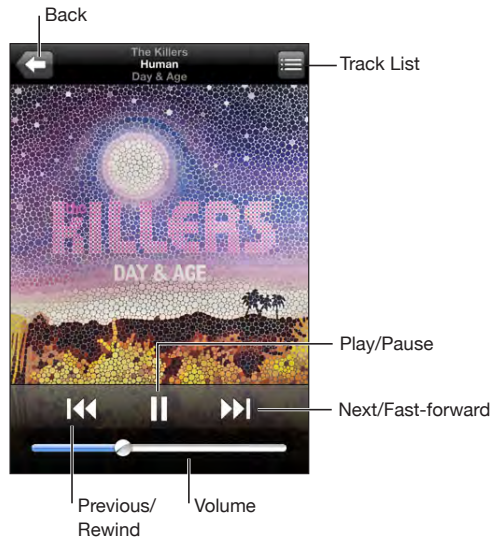
**Play a song:** Tap the song.

**Shake to shuffle:** Shake iPod touch 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 > Music (it’s on by default). See “Music” on page 123.

## Controlling Song Playback

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



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### Pause a song

Tap **||**, or press the center button on the iPod touch headset (included with Fall 2009 models with 32 GB or more) or the equivalent button on your Bluetooth headset.

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### Resume playback

Tap **▶**, or press the center button on the iPod touch headset (included with Fall 2009 models with 32 GB or more) or the equivalent button on your Bluetooth headset.

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### Raise or lower the volume


Drag the volume slider or use the buttons on the side of iPod touch. You can also use the volume buttons on the iPod touch headset (only on Fall 2009 models with 32 GB or more).


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### Restart a song or a chapter in an audiobook or podcast

Tap **◀◀**

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Skip to the next song or chapter in an audiobook or podcast	Tap <b>▶▶</b> , or press the center button on the iPod touch headset (included with Fall 2009 models with 32 GB or more) or the equivalent button on your Bluetooth headset twice quickly.
Go to the previous song or chapter in an audiobook or podcast	Tap <b>◀◀</b> twice, or press the center button on the iPod touch headset (included with Fall 2009 models with 32 GB or more) or the equivalent button on your Bluetooth headset three times quickly.
Rewind or fast-forward	Touch and hold <b>◀◀</b> or <b>▶▶</b> . The longer you hold the control, the faster the song rewinds or fast-forwards. On the iPod touch headset (included with Fall 2009 models with 32 GB or more), 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 iPod touch is locked—by double-clicking the Home  button.

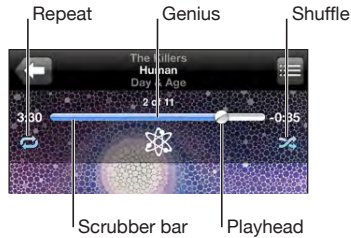
If you're using an application, the playback controls appear on top of the application. After using the controls, you can close them or tap Music to go to the Now Playing screen. If iPod touch is locked, the controls appear onscreen, then disappear automatically after you finish using them.

## 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 iPod touch to repeat songs

Tap . Tap again to set iPod touch to repeat only the current song.

= iPod touch is set to repeat all songs in the current album or list.

= iPod touch is set to repeat the current song over and over.

= iPod touch 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 iPod touch" on page 48.

#### Set iPod touch to shuffle songs

Tap . Tap again to set iPod touch to play songs in order.

= iPod touch is set to shuffle songs.

= iPod touch 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 iPod touch, choose Songs > Shuffle.

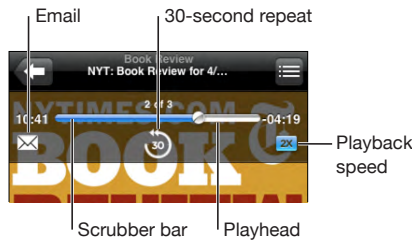
Whether or not iPod touch is set to shuffle, if you tap Shuffle at the top of a list of songs, iPod touch plays the songs from that list in random order.







## 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  .
Set the playback speed	Tap  . Tap again to change the speed.  = Play at double speed.  = Play at half speed.  = Play at normal speed.

## Using Voice Control with iPod

You can use Voice Control (available only on Fall 2009 models with 32 GB or more) to control music playback on iPod touch.

**Note:** Requires included headset or compatible accessory with microphone. 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 iPod touch headset (included with Fall 2009 models with 32 GB or more) 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."



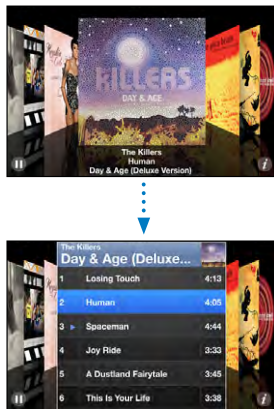
Find out more about the currently playing song	Say “what’s playing,” “what song is this,” “who sings this song,” or “who is this song by.”
Use Genius to play similar songs	Say “Genius,” “play more like this,” or “play more songs like this.”
Cancel Voice Control	Say “cancel” or “stop.”

## Browsing Album Covers in Cover Flow

When you’re browsing music, you can rotate iPod touch 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 iPod touch headset (included with Fall 2009 models with 32 GB or more) 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 iPod touch.



**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 32.

## Using Genius on iPod touch

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.

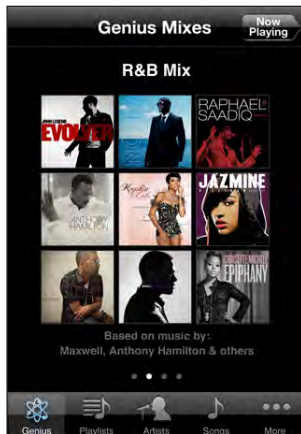
You can create Genius playlists in iTunes and sync them to iPod touch. You can also create and save Genius playlists directly on iPod touch.

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. You can have up to twelve different Genius Mixes.

To use Genius on iPod touch, first turn on Genius in iTunes, then sync iPod touch 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 iPod touch:**

- 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 iPod touch, 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 iPod touch, or created directly on iPod touch.

**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 iPod touch, 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 iPod touch. 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 iPod touch to your computer, the playlist is saved on iPod touch and in your iTunes library, then deleted from iPod touch. 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 iPod touch, select iPod touch 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 iPod touch.
- To clear the entire playlist, tap Clear Playlist.
- To add more songs, tap .

## Videos

With iPod touch, 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

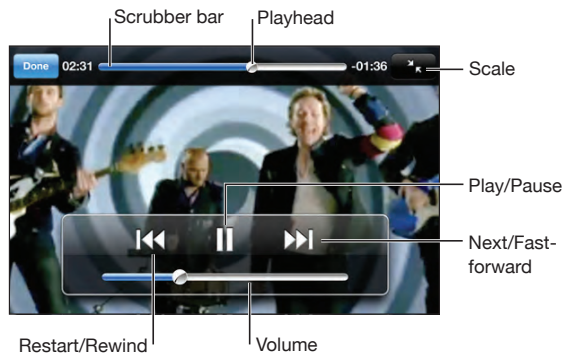
**Play a video:** Tap Videos and tap the video.

**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

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### Pause a video

Tap **||**, or press the center button on the iPod touch headset (included with Fall 2009 models with 32 GB or more) or the equivalent button on your Bluetooth headset.

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### Resume playback

Tap **▶**, or press the center button on the iPod touch headset (included with Fall 2009 models with 32 GB or more) or the equivalent button on your Bluetooth headset.

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### Raise or lower the volume

Drag the volume slider. You can also use the volume buttons on the iPod touch headset (only on Fall 2009 models with 32 GB or more).

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### 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.

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Skip to the next chapter (if available)	Tap <b>▶▶</b> , or press the center button on the iPod touch headset (included with Fall 2009 models with 32 GB or more) or the equivalent button on your Bluetooth headset twice quickly.
Go to the previous chapter (if available)	Tap <b>◀◀</b> , or press the center button on the iPod touch headset (included with Fall 2009 models with 32 GB or more) or the equivalent button on your Bluetooth headset three times quickly.
Start playing at a specific chapter (if available)	Tap <b>☰</b> , then choose a chapter from the list.
Rewind or fast-forward	Touch and hold <b>◀◀</b> or <b>▶▶</b> .
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 <b>⏏</b> button.
Scale a video to fill the screen or fit to the screen	Tap <b>⌘</b> to make the video fill the screen. Tap <b>⌘</b> 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 <b>🗣️</b> , then choose a language from the Audio list.
Show or hide subtitles (if available)	Tap <b>🗣️</b> , 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 iPod touch.



**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 iPod touch. You can download rented movies directly to iPod touch, or transfer them from iTunes on your computer to iPod touch. You can also transfer rented movies back to iTunes from iPod touch. (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 iPod touch:** Connect iPod touch to your computer. Then select iPod touch 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:** Choose Videos and select a movie.

## Watching Videos on a TV

You can connect iPod touch to your TV and watch your videos on the large screen. Use the Apple Component AV Cable, Apple Composite AV Cable, or other authorized iPod touch compatible cable. You can also use these cables with the Apple Universal Dock to connect iPod touch 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](http://www.apple.com/ipodstore) (not available in all countries).

## Deleting Videos from iPod touch

You can delete videos from iPod touch 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 iPod touch, it isn't deleted from your iTunes library and you can sync the video back to iPod touch later. If you don't want to sync the video back to iPod touch, set iTunes to not sync the video. See "What You Need" on page 7.

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

## Setting a Sleep Timer

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

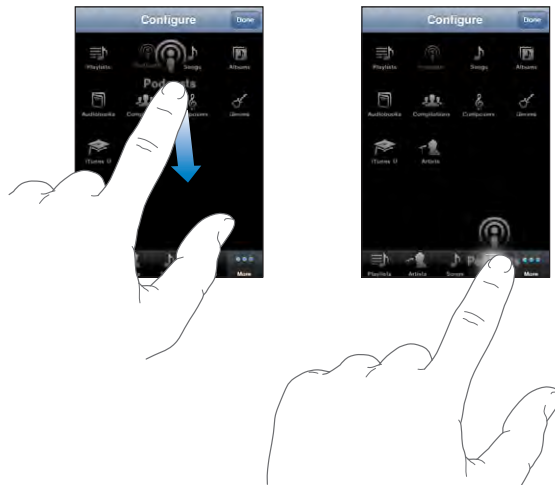
**Set a sleep timer:** From the Home screen choose Clock > Timer, then flick to set the number of hours and minutes. Tap When Timer Ends and choose Sleep iPod, tap Set, then tap Start to start the timer.

When the timer ends, iPod touch 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.





## Viewing Webpages

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

To use Safari, iPod touch must join a Wi-Fi network that is connected to the Internet. See “Connecting to the Internet” on page 35.


You can view webpages in either portrait or landscape orientation. Rotate iPod touch 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 iPod touch 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 iPod touch can also 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 Photo Library	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 129.