



iPod nano

Features Guide

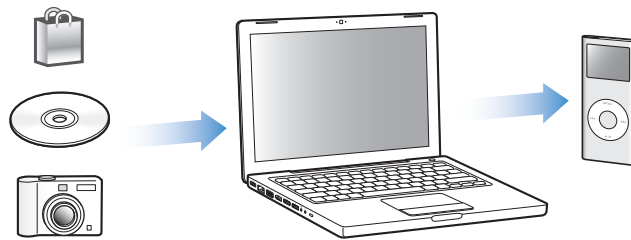
Contents

Chapter 1	4 iPod nano Basics
	5 iPod nano at a Glance
	5 Using iPod nano Controls
	8 Disabling iPod nano Controls
	9 Using iPod nano Menus
	10 Connecting and Disconnecting iPod nano
Chapter 2	15 Music Features
	15 About iTunes
	16 Importing Music into Your Computer
	19 Organizing Your Music
	20 Loading Music and Podcasts onto iPod nano
	24 Playing Music
	29 Listening to Podcasts
	30 Listening to Audiobooks
	30 Listening to FM Radio
Chapter 3	31 Photo Features
	31 Importing Photos
	34 Viewing Photos
Chapter 4	36 Extra Features and Accessories
	36 Using iPod nano as an External Disk
	37 Using Extra Settings
	40 Syncing Contacts, Calendars, and To-Do Lists
	43 Storing and Reading Notes
	43 Recording Voice Memos
	44 Learning About iPod nano Accessories
Chapter 5	45 Tips and Troubleshooting
	45 General Suggestions
	50 Updating and Restoring iPod nano Software

Chapter 6	51 Safety and Cleaning
	51 Important Safety Information
	53 Important Handling Information
Chapter 7	54 Learning More, Service, and Support
Index	57

Congratulations on purchasing iPod nano. Read this section to learn about the features of iPod nano, how to use its controls, and more.

To use iPod nano, you put music, photos, and other files on your computer and then load them onto iPod nano.

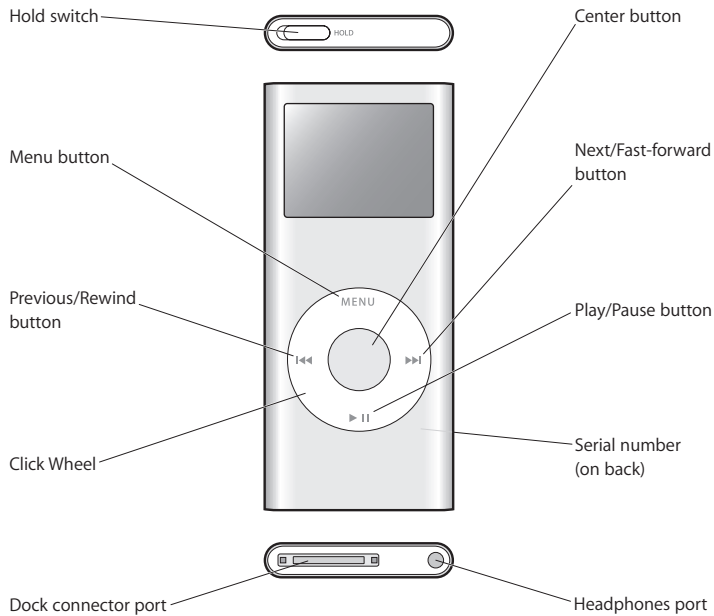


iPod nano is a music player and much more. Use iPod nano to:

- Sync songs and digital photos for listening and viewing on the go
- Listen to podcasts, downloadable radio-style shows delivered over the Internet
- View photos as a slideshow with music
- Listen to audiobooks purchased from the iTunes Store or audible.com
- Store or back up files and other data, using iPod nano as an external disk
- Sync contact, calendar, and to-do list information from your computer
- Play games, store text notes, set an alarm, and more

iPod nano at a Glance

Get to know the controls on iPod nano:



Using iPod nano Controls

The controls on iPod nano are easy to find and use. Press any button to turn on iPod nano. The main menu appears.



Use the Click Wheel and Center button to navigate through onscreen menus, play songs, change settings, and view information. Move your thumb lightly around the Click Wheel to select a menu item. To choose the item, press the Center button. To go back to the previous menu, press Menu on the Click Wheel.

Here's what else you can do with iPod nano controls.

To	Do this
Turn on iPod nano	Press any button.
Turn off iPod nano	Press and hold Play/Pause (▶).
Turn on the backlight	Press any button or use the Click Wheel.
Disable the iPod nano controls (so nothing happens if you press them accidentally)	Slide the Hold switch to HOLD (an orange bar appears).
Reset iPod nano (if iPod nano isn't responding)	Slide the Hold switch to HOLD and back again. Then press the Menu and Center buttons at the same time for about 6 seconds, until the Apple logo appears.
Choose a menu item	Scroll to the item and press the Center button.
Go back to the previous menu	Press Menu.
Go back to the main menu	Press and hold Menu.
Browse for a song	From the main menu, choose Music.
Play a song	Select the song and press the Center or Play/Pause (▶) button. iPod nano has to be ejected from your computer to play songs.
Pause a song	Press Play/Pause (▶) or unplug your headphones.
Change the volume	From the Now Playing screen, use the Click Wheel.
Play all the songs in a list	Select the list title (an album title or the title of a playlist, for example) and press Play/Pause (▶).
Play all songs in random order	From the main menu, choose Shuffle Songs.
Skip to any point in a song	From the Now Playing screen, press the Center button to show the scrubber bar, and then scroll to any point in the song. Press the Center button to resume playing from that point.
Skip to the next song or chapter in an audiobook or podcast	Press Next/Fast-forward (▶▶).
Start a song over	Press Previous/Rewind (◀◀).
Play the previous song or chapter in an audiobook or podcast	Press Previous/Rewind (◀◀) twice.
Fast-forward or rewind a song	Press and hold Next/Fast-forward (▶▶) or Previous/Rewind (◀◀).
Add a song to the On-The-Go playlist	Select a song, and then press and hold the Center button until the song title flashes.
Find the iPod nano serial number	From the main menu, choose Settings > About, or look at the back of iPod nano.

Scrolling Quickly Through Long Lists

If you have a large number of songs or other items, you can scroll quickly through a long list by moving your thumb quickly on the Click Wheel.

Note: Not all languages are supported.

To scroll quickly:

- 1 Move your thumb quickly on the Click Wheel, to display a letter of the alphabet on the screen.
- 2 Without lifting your thumb, use the Click Wheel to navigate the alphabet until you find the first letter of the item you're looking for.
This takes you to the first item in the list beginning with that letter. Items beginning with a symbol or number appear before the letter "A."
- 3 Lift your thumb momentarily (or stop moving your thumb for about one second) to return to normal scrolling.
- 4 Use the Click Wheel to finish navigating to the item you want.

Searching Music

You can search iPod nano for songs, playlists, album titles, artist names, podcasts, and audiobooks. The search feature doesn't search notes, calendar items, contacts, or lyrics.

To search iPod nano:

- 1 From the Music menu, choose Search.
- 2 Enter a search string by using the Click Wheel to navigate the alphabet and pressing the Center button to enter each character.

iPod nano starts searching as soon as you enter the first character, displaying the results on the search screen. For example, if you enter "b," then iPod nano displays all music items containing the letter "b." If you enter "ab," iPod nano displays all items containing that sequence of letters.

To enter a space, press the Next/Fast-forward button.

To delete the previous character, click the back arrow or press the Previous/Rewind button.

- 3 Click DONE to display the found list, which you can now navigate.

Songs in the found list appear without an icon. Other items are preceded by an icon to show the type of item: album (📀), artist (👤), audiobook (📖), and podcast (🎧).

To return to Search, press the Menu button.

Setting the Click Wheel Sound

When you scroll through menu items, you can hear a clicking sound through the iPod nano internal speaker to let you know the Click Wheel is working. You can set the Click Wheel sound to play through the headphones instead, or you can turn it off.

To set how iPod nano plays the Click Wheel sound:

- Choose Settings from the iPod nano main menu, and then follow the instructions below:

Set Clicker to	To
Headphones	Set the Click Wheel sound to play through the headphones
Off	Turn off the Click Wheel sound
Speaker	Set the Click Wheel sound to play through the iPod nano internal speaker
Both	Set the Click Wheel sound to play through both the iPod nano internal speaker and the headphones

Disabling iPod nano Controls

If you're carrying iPod nano in your pocket and you don't want to turn it on or activate the controls accidentally, you can make them inactive using the Hold switch.

- Slide the Hold switch to HOLD (so you can see the orange bar).



Using iPod nano Menus

When you turn on iPod nano, you see the main menu. Choose menu items to perform functions and go to other menus. Icons along the top of the screen show iPod nano status.



The following table describes the items in the iPod nano main menu.

Display item	Function
Play status	The Play (▶) icon appears if a song is playing. The Pause (⏸) icon appears if a song is paused.
Lock icon	The Lock icon appears when the Hold switch (on top of iPod nano) is set to HOLD. This indicates that the iPod nano controls are disabled.
Menu title	Displays the title of the current menu.
Battery status	The Battery icon shows the approximate remaining battery charge. If the battery is charging, the icon is animated.
Menu items	Use the Click Wheel to scroll through menu items. Press the Center button to choose an item. An arrow next to a menu item indicates that choosing it leads to another menu.

Adding or Removing Items from the Main Menu

You might want to add often-used items to the iPod nano main menu. For example, you can add a "Songs" item to the main menu, so you don't have to choose Music before you choose Songs.

To add or remove items from the main menu:

- 1 Choose Settings > Main Menu.
- 2 For each item you want to appear in the main menu, turn the "Off" option to "On."

Setting the Backlight Timer

You can set the backlight to turn on and illuminate the screen for a certain amount of time when you press a button or use the Click Wheel. The default is 10 seconds.

- Choose Settings > Backlight Timer, and then choose the time you want.

Even if you don't set the backlight timer, you can turn on the backlight at any time by pressing any button or using the Click Wheel. After a few seconds, the backlight turns off.

Setting the Language

iPod nano can be set to use different languages.

- Choose Settings > Language, and then choose a language from the list.

Connecting and Disconnecting iPod nano

You connect iPod nano to your computer to sync music, photos, and files, and to charge the battery. Disconnect iPod nano when you're done.

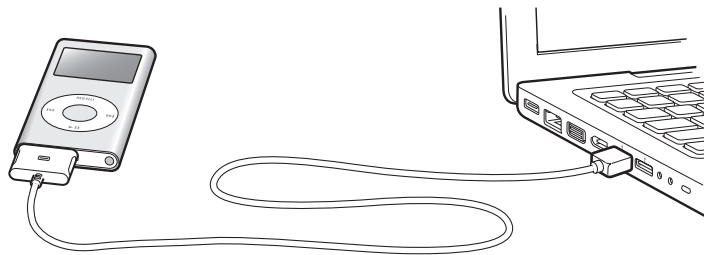
Connecting iPod nano

To connect iPod nano to your computer:

- Plug the included iPod Dock Connector to USB 2.0 Cable into a high-power USB port on your computer (a USB 2.0 port is recommended), and then connect the other end to iPod nano.

If you have an iPod nano Dock, you can connect the cable to a high-power USB port on your computer, connect the other end to the Dock, and then put iPod nano in the Dock.

Note: The USB port on your keyboard doesn't provide enough power. You must connect iPod nano to a USB port on your computer.



By default, iTunes syncs songs on iPod nano automatically when you connect it to your computer. When iTunes is finished, you can disconnect iPod nano.

If you connect iPod nano to a different computer and it is set to sync music automatically, iTunes prompts you before loading any music. If you click Yes, the songs and other audio files already on iPod nano will be erased and replaced with the songs and other audio files on the computer iPod nano is connected to. For more information about loading music onto iPod nano and using iPod nano with more than one computer, see Chapter 2, “Music Features,” on page 15.

Note: You can load songs while your battery is charging.

Disconnecting iPod nano

It’s important not to disconnect iPod nano from your computer while music is being loaded. You can easily see if it’s OK to disconnect iPod nano by looking at the iPod nano screen.

Important: Don’t disconnect iPod nano if you see the “Do not disconnect” message. You could damage files on iPod nano. If you see this message, you must eject iPod nano before disconnecting it.



If you see the main menu or a large battery icon, you can disconnect iPod nano.

Important: If you see this message, you must eject iPod nano before disconnecting it.

If you set iPod nano to update songs manually (see “Managing iPod nano Manually” on page 22) or enable iPod nano for disk use (see “Using iPod nano as an External Disk” on page 36), you must always eject iPod nano before disconnecting it.

To eject iPod nano:

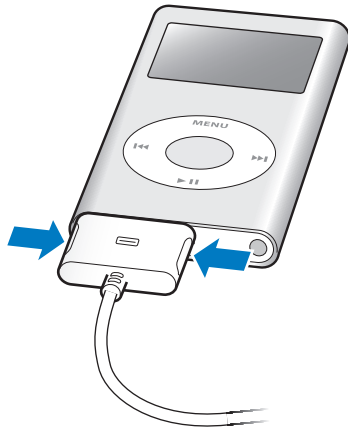
- Click the Eject (⏏) button next to iPod nano in the list of devices in the iTunes Source pane.

If you’re using a Mac, you can eject iPod nano by dragging the iPod nano icon on the desktop to the Trash.

If you’re using a Windows PC, you can eject iPod nano by clicking the Safely Remove Hardware icon in the Windows system tray and selecting iPod nano.

To disconnect iPod nano:

- 1 Unplug the headphones if they're attached.
- 2 Squeeze both sides of the Dock connector and disconnect the cable from iPod nano. If iPod nano is in the Dock, simply remove it.



About the iPod nano Battery

iPod nano has an internal, non-user-replaceable battery. For best results, the first time you use iPod nano, let it charge for about three hours or until the battery icon in the top-right corner of the iPod nano display shows that the battery is fully charged. If iPod nano isn't used for a while, the battery might need to be charged.

The iPod nano battery is 80-percent charged in about two hours and fully charged in about three hours. If you charge iPod nano while loading files, playing music, or viewing a slideshow, it might take longer.

Charging the iPod nano Battery

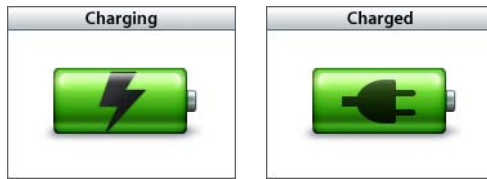
You can charge the iPod nano battery in two ways:

- Connect iPod nano to your computer.
- Use the iPod USB Power Adapter, available separately.

To charge the battery using your computer:

- Connect iPod nano to a high-power USB port on your computer. The computer must be turned on and not in sleep mode (some models of Macintosh can charge iPod nano while in sleep mode).

If the battery icon on the iPod nano screen shows a lightning bolt, the battery is charging. If it shows a plug, the battery is fully charged.

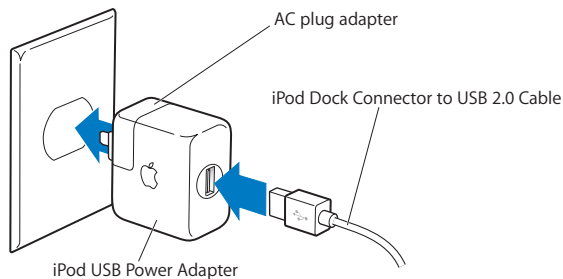


If you don't see the lightning bolt or the plug, iPod nano might not be connected to a high-power USB port. Try another USB port on your computer.

If you want to charge iPod nano when you're away from your computer, you can purchase the iPod USB Power Adapter.

To charge the battery using the iPod USB Power Adapter:

- 1 Connect the AC plug adapter to the power adapter (they might already be connected).
- 2 Connect the iPod Dock Connector to USB 2.0 Cable to the power adapter, and plug the other end of the cable into iPod nano.
- 3 Plug the power adapter into a working electrical outlet.



WARNING: Make sure the power adapter is fully assembled before plugging it into an electrical outlet.

Note: If you have an optional iPod Dock Connector to FireWire cable, you can also connect iPod nano to a FireWire port on your computer or to an iPod Power Adapter (with a FireWire port) that's plugged into an electrical outlet. You can use FireWire only for charging the battery and not for loading songs and other files onto iPod nano.

Understanding Battery States

When iPod nano is not connected to a power source, a battery icon in the top-right corner of the iPod nano screen shows approximately how much charge is left.



Battery less than 20% charged



Battery about halfway charged



Battery fully charged

If iPod nano is connected to a power source, the battery icon changes to show that the battery is charging or fully charged.



Battery charging (lightning bolt)



Battery fully charged (plug)

You can disconnect and use iPod nano before it is fully charged.

Note: Rechargeable batteries have a limited number of charge cycles and might eventually need to be replaced. Battery life and number of charge cycles vary by use and settings. For more information, go to www.apple.com/batteries.

With iPod nano, you can take your music collection with you wherever you go. Read this section to learn about loading music and listening to iPod nano.

You use iPod nano by importing songs, audiobooks, and podcasts (radio-style audio shows) into your computer and then loading them onto iPod nano. Read on to learn more about the steps in this process, including:

- Getting music from your CD collection, hard disk, or the iTunes Store (part of iTunes and available in some countries only) into the iTunes application on your computer
- Organizing your music and other audio into playlists, if you want
- Loading playlists, songs, audiobooks, and podcasts onto iPod nano
- Listening to music or other audio on the go

About iTunes

iTunes is the software application you use with iPod nano. iTunes can sync music, audiobooks, podcasts, and more with iPod nano. When you connect iPod nano to your computer, iTunes opens automatically.

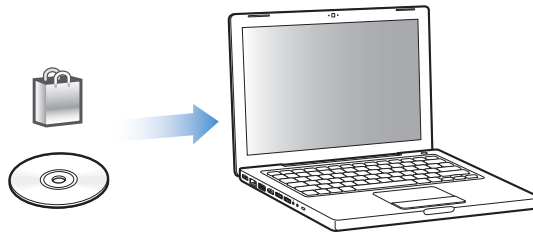
This guide explains how to use iTunes to download songs and other audio to your computer, create personal compilations of your favorite songs (called playlists), load them onto iPod nano, and adjust iPod nano settings.

iTunes also has many other features. You can make your own CDs that play in standard CD players (if your computer has a CD-recordable drive); listen to streaming Internet radio; watch videos and TV shows; rate songs according to preference; and much more.

For information about using these iTunes features, open iTunes and choose Help > iTunes Help.

Importing Music into Your Computer

To listen to music on iPod nano, you first need to get that music into iTunes on your computer.



There are three ways to get music and other audio into iTunes:

- Buy music and audiobooks or download podcasts online from the iTunes Store.
- Import music from audio CDs.
- Add music and other audio that's already on your computer to the iTunes library.

Purchasing Songs and Downloading Podcasts Using the iTunes Store

If you have an Internet connection, you can easily purchase and download songs, albums, and audiobooks online using the iTunes Store. You can also subscribe to and download podcasts, radio-style audio shows.

To purchase music online using the iTunes Store, you set up an Apple account in iTunes, find the songs you want, and then buy them. If you already have an Apple account, or if you have an America Online (AOL) account (available in some countries only), you can use that account to sign in to the iTunes Store and buy songs.

To sign in to the iTunes Store:

- Open iTunes and then:
 - *If you already have an iTunes account*, choose Store > Sign In.
 - *If you don't already have an iTunes account*, choose Store > Create Account and follow the onscreen instructions to set up an Apple account or enter your existing Apple account or AOL account information.

To find songs, audiobooks, and podcasts:

You can browse or search the iTunes Store to find the album, song, or artist you're looking for. Open iTunes and click iTunes Store in the Source pane.

- *To browse the iTunes Store*, choose a music genre from the Choose Genre pop-up menu, click one of the displayed releases or songs, or click Browse in the main iTunes Store window.
- *To browse for podcasts*, click the Podcasts link in the main iTunes Store window.
- *To search the iTunes Store*, type the name of an album, song, artist, or composer in the search field.
- *To narrow your search*, type something in the search field, press Return or Enter on your keyboard, and then press buttons in the Search Bar. For example, to narrow your search to song titles and albums, press the Music button.
- *To search for a combination of items*, click Power Search in the iTunes Store window.
- *To return to the main page of the iTunes Store*, click the Home button in the top-left corner of the main iTunes Store window.

To buy a song, album, or audiobook:

- 1 Click iTunes Store in the Source pane, and then find the item you want to buy.

You can double-click a song or other item to listen to a portion of it and make sure it's what you want.

- 2 Click Buy Song, Buy Album, or Buy Book.

The item is downloaded to your computer and charged to the credit card listed in your Apple or AOL account.

To download or subscribe to a podcast:

- 1 Click iTunes Store in the Source pane.
- 2 Click the Podcasts link on the left side of the main page in the iTunes Store.
- 3 Browse for the podcast you want to download.
 - To download a single podcast episode, click the Get Episode button next to the episode.
 - To subscribe to a podcast, click the Subscribe button next to the podcast graphic. iTunes downloads the most recent episode. As new episodes become available, they are automatically downloaded to iTunes when you connect to the Internet.

For more information, see “Loading Podcasts onto iPod nano” on page 23 and “Listening to Podcasts” on page 29.

Adding Songs Already on Your Computer to the iTunes Library

If you have digital music files, such as MP3s, already on your computer, you can easily add them to your iTunes library.

To add songs on your computer to the iTunes library:

- Drag the folder or disk containing the audio files to Library in the iTunes Source pane (or choose File > Add to Library and select the folder or disk). If iTunes supports the song file format, the songs are automatically added to the iTunes library.

You can also drag individual song files to iTunes.

Note: Using iTunes for Windows, you can convert unprotected digital music files created with Windows Media Player to an iTunes-compatible file, such as AAC or MP3. This can be useful if you have a library of music encoded in WMA format. For more information, open iTunes and choose Help > iTunes Help.

Importing Music From Your Audio CDs Into iTunes

Follow these instructions to get music from your CDs into iTunes.

To import music from an audio CD into iTunes:

- 1 Insert a CD into your computer and open iTunes.

If you have an Internet connection, iTunes gets the names of the songs on the CD from the Internet (if available) and lists them in the window.

If you don't have an Internet connection, you can import your CDs and, later, when you're connected to the Internet, choose Advanced > Get CD Track Names. iTunes will bring in the track names for the imported CDs.

If the CD track names aren't available online, you can enter the names of the songs manually. For more information, see “Entering Song Names and Other Details” on page 19.

With song information entered, you can browse for songs in iTunes or on iPod nano by title, artist, album, and more.

- 2 Click to remove the checkmark next to any song you don't want to import from the CD.
- 3 Click the Import CD button. The display area at the top of the iTunes window shows how much time it will take to import each song.
By default, iTunes plays songs as they are imported. If you're importing a lot of songs, you might want to stop the songs from playing to improve performance.
- 4 To eject the CD, click the Eject (⏏) button.
- 5 Repeat these steps for any other CDs with songs you want to import.

Entering Song Names and Other Details

To enter CD song titles and other information manually:

- 1 Select the first song on the CD and choose File > Get Info.
- 2 Click Info.
- 3 Enter the song information.
- 4 Click Next to enter information for the next song.

Adding Lyrics

You can enter song lyrics in plain text format into iTunes so that you can view the song lyrics on iPod nano while the song is playing.

To enter lyrics into iTunes:

- 1 Select a song and choose File > Get Info.
- 2 Click Lyrics.
- 3 Enter song lyrics in the text box.
- 4 Click OK.

For more information, see "Viewing Lyrics on iPod nano" on page 29.

Organizing Your Music

Using iTunes, you can organize songs and other items into lists, called playlists, in any way you want. For example, you can make playlists with songs to listen to while exercising, or playlists with songs for a particular mood.

You can also make Smart Playlists that update automatically based on rules you choose. When you add songs to iTunes that match the rules, they automatically get added to the Smart Playlist.

You can make as many playlists as you like using any of the songs in the iTunes library. Adding a song to a playlist or later removing it doesn't remove it from the library.

To make a playlist in iTunes:

- 1 Click the Add (+) button or choose File > New Playlist.
- 2 Type a name for the playlist.
- 3 Click Music in the Library list, and then drag a song or other item to the playlist.

To select multiple songs, hold down the Shift key or the Command (⌘) key on a Mac, or the Shift key or the Control key on a Windows PC, as you click each song.

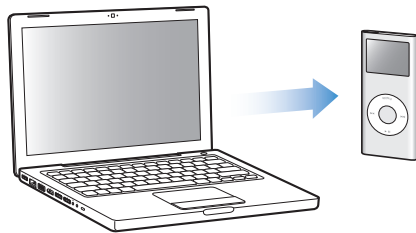
To make a Smart Playlist:

- Choose File > New Smart Playlist and define the rules for your playlist.

Note: You can also make playlists on iPod nano, called On-The-Go Playlists, when iPod nano isn't connected to your computer. See "Making On-The-Go Playlists on iPod nano" on page 25.

Loading Music and Podcasts onto iPod nano

After your music is imported and organized in iTunes, you can easily load it onto iPod nano.



To set how music is loaded from your computer onto iPod nano, you connect iPod nano to your computer, and then use the iTunes preferences to choose iPod nano settings.

You can set iTunes to load music onto iPod nano in three ways:

- *Sync all songs and playlists:* When you connect iPod nano, it is automatically updated to match the songs and other items in the iTunes library. Any other songs on iPod nano are deleted.
- *Sync selected playlists:* When you connect iPod nano, it is automatically updated to match the songs in playlists you select in iTunes.
- *Manually manage music on iPod nano:* When you connect iPod nano, you can drag songs and playlists individually to iPod nano, and delete songs and playlists individually from iPod nano. Using this option, you can download songs from more than one computer without erasing songs from iPod nano. When you manage music yourself, you must always eject iPod nano from iTunes before you can disconnect it.

Syncing Music Automatically

By default, iPod nano is set to sync all songs and playlists when you connect it to your computer. This is the simplest way to load music onto iPod nano. You just connect iPod nano to your computer, let it add songs, audiobooks, and other items automatically, and then disconnect it and go. If you added any songs to iTunes since the last time you connected iPod nano, they are added to iPod nano. If you deleted songs from iTunes, they are deleted from iPod nano.

To sync music to iPod nano:

- Simply connect iPod nano to your computer. If iPod nano is set to sync automatically, the update begins.

Important: The first time you connect iPod nano to a different computer and have the automatic sync option set, a message asks if you want to update songs automatically. If you accept, all songs, audiobooks, and other items are deleted from iPod nano and replaced with the songs and other items from that computer. If you don't accept, you can still load songs onto iPod nano manually without deleting any of the songs already on iPod nano. iTunes includes a feature to sync purchased items from iPod nano to another computer. For more information, see iTunes Help.

While music is being synced from your computer to iPod nano, the iTunes status window shows progress, and the iPod nano icon in the Source pane flashes red.

When the update is done, a message in iTunes says "iPod update is complete."

If you set iTunes to manage music manually, you can reset it later to sync automatically. If you set iTunes to sync automatically after you've been manually managing iPod nano, you lose any items on iPod nano that are not part of your library.

To reset iTunes to sync all music automatically on iPod nano:

- 1 Open iTunes and select iPod nano in the Source pane.
- 2 Click the Music tab.
- 3 Select "Sync music" and then click "All songs and playlists."
- 4 Click Apply.

Note: If "Only sync checked items" is selected in the Summary pane, iTunes syncs only items that are checked in your libraries.

Syncing Music From Selected Playlists to iPod nano

Setting iTunes to sync selected playlists to iPod nano is useful if the music in your music library doesn't fit on iPod nano. Only the music in the playlists you select is synced to iPod nano.

To set iTunes to sync music from selected playlists to iPod nano:

- 1 Open iTunes and select iPod nano in the Source pane.
- 2 Click the Music tab.
- 3 Select "Sync music" and then click "Selected playlists."
- 4 Select the playlists you want.
- 5 Click Apply.

Note: If "Only sync checked items" is selected in the Summary pane, iTunes syncs only items that are checked in your libraries.

Managing iPod nano Manually

Setting iTunes to let you manage iPod nano manually gives you the most flexibility for managing music on iPod nano. You can add and remove songs and other items individually. You can also load songs from multiple computers onto iPod nano without removing songs already on iPod nano.

To set iTunes to let you manage music on iPod nano manually:

- 1 Open iTunes and select iPod nano in the Source pane.
- 2 Click the Summary tab.
- 3 In the Options section, select "Manually manage music."
- 4 Click Apply.

Note: When you manage songs yourself, you must always eject iPod nano from iTunes before you can disconnect it.

To add a song or other item to iPod nano:

- 1 In the iTunes Source pane, click Music or another Library item.
- 2 Drag a song or other item to the iPod nano in the Source pane.

To remove a song or other item from iPod nano:

- 1 In iTunes, select iPod nano in the Source pane.
- 2 Select a song or other item on iPod nano and press the Delete or Backspace key on your keyboard.

If you manually remove a song or other item from iPod nano, it is not deleted from your iTunes library.

To make a new playlist on iPod nano:

- 1 In iTunes, select iPod nano in the Source pane, and then click the Add (+) button or choose File > New Playlist.
- 2 Type a name for the playlist.
- 3 Click an item, such as Music, in the Library list, and then drag songs or other items to the playlist.

To add songs to or remove songs from a playlist on iPod nano:

- Drag a song to a playlist on iPod nano to add the song. Select a song in a playlist and press the Delete key on your keyboard to remove the song.

Loading Podcasts onto iPod nano

The settings for loading podcasts onto iPod nano are unrelated to the settings for loading songs. Podcast update settings don't affect song update settings, and vice versa. You can set iTunes to automatically sync all podcasts or selected podcasts, and all episodes, or a number of recent or unplayed episodes. Or you can load podcasts onto iPod nano manually.

To set iTunes to sync podcasts to iPod nano automatically:

- 1 Select iPod nano in the iTunes Source pane, and click the Podcasts tab.
- 2 In the Podcasts pane, select "Sync <option> podcast episodes" and choose an option from the Sync pop-up menu.
- 3 Click "All podcasts" or "Selected podcasts." If you click "Selected podcasts," also select the podcast titles you want to sync automatically.
- 4 Click Apply.

When you set iTunes to sync iPod nano podcasts automatically, iPod nano is updated each time you connect it to your computer.

To set iTunes to let you manually manage podcasts:

- 1 In iTunes, select iPod nano in the Source pane, and click the Summary tab.
- 2 Select "Manually manage music" and click Apply.
- 3 In the Source pane, select the Podcasts library and drag the podcasts you want to iPod nano.

Playing Music

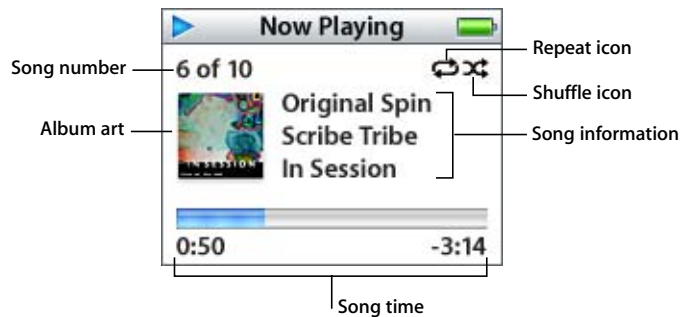
After you load iPod nano with music and other audio, you can listen to it. Use the Click Wheel and Center button to browse for a song, audiobook, or podcast.

Note: You only see menu items for Podcasts and Audiobooks if you've loaded those items onto iPod nano.

To browse for and play a song:

- Choose Music, browse for a song, and press Play (▶||).

When a song is playing, the Now Playing screen appears. The following table describes the elements on the Now Playing screen of iPod nano.



Now Playing screen	Function
Song number	Shows the number of the song playing within the current sequence of songs.
Album art	Shows album art if it is included in the song's audio file.
Repeat (↺) icon	Appears if iPod nano is set to repeat all songs. The Repeat Once (↺) icon appears if iPod nano is set to repeat one song.
Shuffle (↻) icon	Appears if iPod nano is set to shuffle songs or albums.
Song information	Displays the song title, artist, and album title.
Song time (progress bar)	Displays elapsed and remaining time for the current song. Press the Center button to show the scrubber bar, which displays a diamond to show where you are. Use the Click Wheel to move forward or backward.

When you see the Now Playing screen, you can use the Click Wheel to change the volume. You can press the Center button multiple times from the Now Playing screen to get to other information and options, such as the rating screen for songs and audiobooks, album art, podcast information, reading speed, and more. Press the Menu button to return to the previous screen.

Setting iPod nano to Shuffle Songs

You can set iPod nano to play songs, albums, or your entire library in random order.

To set iPod nano to shuffle and play all your songs:

- Choose Shuffle Songs from the iPod nano main menu.

iPod nano begins playing songs from your entire library in random order, skipping audiobooks and podcasts.

To set iPod nano to always shuffle songs or albums:

- 1 Choose Settings from the iPod nano main menu.
- 2 Set Shuffle to either Songs or Albums.

When you set iPod nano to shuffle songs by choosing Settings > Shuffle, iPod nano shuffles songs within the list (for example, album or playlist) you choose to play.

When you set iPod nano to shuffle albums, it plays all the songs on an album in order, and then randomly selects another album in the list and plays through it in order.

Setting iPod nano to Repeat Songs

You can set iPod nano to repeat a song over and over, or to repeat songs within the list you choose to play.

To set iPod nano to repeat songs:

- Choose Settings from the iPod nano main menu.
 - *To repeat all songs in the list, set Repeat to All.*
 - *To repeat one song over and over, set Repeat to One.*

Making On-The-Go Playlists on iPod nano

You can make playlists on iPod nano, called On-The-Go Playlists, when iPod nano isn't connected to your computer.

To make an On-The-Go playlist:

- 1 Select a song, and then press and hold the Center button until the song title flashes.
- 2 Choose other songs you want to add.
- 3 Choose Music > Playlists > On-The-Go to view and play your list of songs.

You can also add a list of songs. For example, to add an album, highlight the album title and press and hold the Center button until the album title flashes.

To play songs in the On-The-Go playlist:

- Choose Music > Playlists > On-The-Go and choose a song.

To remove a song from the On-The-Go playlist:

- Select a song in the playlist, and hold down the Center button until the song title flashes.

To clear the entire On-The-Go playlist:

- Choose Music > Playlists > On-The-Go > Clear Playlist.

To save the On-The-Go playlist on iPod nano:

- Choose Music > Playlists > On-The-Go > Save Playlist > Save Playlist.

The first playlist is saved as “New Playlist 1” in the Playlists menu. The On-The-Go playlist is cleared. You can save as many playlists as you like. After you save a playlist, you can no longer remove songs from it.

To copy the On-The-Go playlist to your computer:

- If iPod nano is set to update songs automatically (see “Syncing Music Automatically” on page 21), and you make an On-The-Go playlist, the playlist is automatically copied to iTunes when you connect iPod nano. You see the new On-The-Go playlist in the list of playlists in iTunes. You can rename or delete the new playlist, just as you would any other playlist in iTunes.

Rating Songs

You can assign a rating to a song (from 1 to 5 stars) to indicate how much you like it. You can use song ratings to help you create Smart Playlists automatically in iTunes.

To rate a song:

- 1 Start playing the song.
- 2 From the Now Playing screen, press the Center button until you see the rating screen (showing bullets, stars, or both).
- 3 Use the Click Wheel to choose a rating.

Note: You cannot assign ratings to podcasts.

Setting the Maximum Volume Limit

You can choose to set a limit for the maximum volume on iPod nano and assign a combination to prevent the setting from being changed.

To set the maximum volume limit for iPod nano:

- 1 Choose Settings > Volume Limit.
The volume control shows the current volume.
- 2 Use the Click Wheel to select the maximum volume limit.

You can press Play to hear the currently selected song play while you select the maximum volume limit.

- 3 Press the Center button to set the maximum volume limit.
A triangle on the volume bar indicates the maximum volume limit.
- 4 On the Volume Limit screen, click Set Combination to require a combination to be entered to change the maximum volume limit. Click Done to accept the maximum volume limit without requiring a combination to change it.
- 5 If you choose Set Combination, enter a combination:
 - Use the Click Wheel to select a number for the first position. Press the Center button to confirm your choice and move to the next position.
 - Use the same method to set the remaining numbers of the combination. You can use the Next/Fast-forward button to move to the next position and the Previous/Rewind button to move to the previous position. Press the Center button in the final position to confirm the entire combination and return to the previous screen.

If you turn the volume all the way up after you set a limit, you see a lock icon to the right of the volume bar in the Now Playing screen, indicating that a maximum volume limit has been set.

Note: The volume of songs and other audio may vary depending on how the audio was recorded or encoded. See “Setting Songs to Play at the Same Volume Level” on page 28 for information about how to set a relative volume level in iTunes and on iPod nano. Volume level may also vary if you use different earphones or headphones. With the exception of the iPod Radio Remote, accessories that connect through the iPod nano Dock Connector do not support volume limits.

If you set a combination, you must enter it before you can change or remove the maximum volume limit.

To change the maximum volume limit:

- 1 Choose Settings > Volume Limit.
- 2 If you set a combination, enter it by using the Click Wheel to select the numbers and pressing the Center button to confirm them.
- 3 Use the Click Wheel to change the maximum volume limit.
- 4 Press the Center button to accept the change.

To remove the maximum volume limit:

- 1 If you are currently listening to iPod nano, press Pause.
- 2 Choose Settings > Volume Limit.
- 3 If you set a combination, enter it by using the Click Wheel to select the numbers and pressing the Center button to confirm them.
- 4 Use the Click Wheel to move the volume limit to the maximum level on the volume bar. This removes any restriction on volume.

- 5 Press the Center button to accept the change.

Note: If you forget the combination, you can restore iPod nano. See “Updating and Restoring iPod nano Software” on page 50 for more information.

Setting Songs to Play at the Same Volume Level

iTunes can automatically adjust the volume of songs, so they play at the same relative volume level. You can set iPod nano to use the iTunes volume settings.

To set iTunes to play songs at the same sound level:

- 1 In iTunes, choose iTunes > Preferences if you are using a Mac, or choose Edit > Preferences if you are using a Windows PC.
- 2 Click Playback and select Sound Check.

To set iPod nano to use the iTunes volume settings:

- Choose Settings > Sound Check.

Important: If you have not activated Sound Check in iTunes, setting it on iPod nano has no effect.

Using the Equalizer

You can use equalizer presets to change the sound on iPod nano to suit a particular music genre or style. For example, to make rock music sound better, set the equalizer to Rock.

To use the equalizer to change the sound on iPod nano:

- Choose Settings > EQ and choose an equalizer preset.

If you assigned an equalizer preset to a song in iTunes and the iPod nano equalizer is set to Off, the song plays using the iTunes setting. See iTunes Help for more information.

Setting iPod nano to Show Compilations

You can set iPod nano to show a Compilations menu item in the Music menu. A compilation is an album, such as a movie soundtrack or a greatest hits album, put together from various sources. You can choose Music > Compilations to see your compilations.

To set iPod nano to show Compilations in the Music menu:

- Choose Settings and set Compilations to On.

Viewing Album Artwork on iPod nano

By default, iTunes is set to allow you to view album artwork on iPod nano. If the artwork is available, you'll see it on iPod nano when you play music from the album.

To set iTunes to display album artwork on iPod nano:

- 1 Open iTunes, select iPod nano in the Source pane, and then click the Music tab.
- 2 Select "Display album artwork on your iPod."

To see album artwork on iPod nano:

- 1 Play a song that has album artwork.
- 2 From the Now Playing screen, press the Center button twice. If you don't see artwork, either that song doesn't have album artwork, or you need to set iTunes to allow iPod nano to display album artwork.

For more information about album artwork, open iTunes and choose Help > iTunes Help.

Viewing Lyrics on iPod nano

If you enter lyrics for a song in iTunes (see "Adding Lyrics" on page 19) and then load the song onto iPod nano, you can view the lyrics on iPod nano.

To view lyrics on iPod nano while a song is playing:

- On the Now Playing screen, press the Center button until you see the lyrics. The screen displays the lyrics, which you can scroll through as the song plays.

Listening to Podcasts

Podcasts are downloadable radio-style shows you get at the iTunes Store. Podcasts are organized by shows, episodes within shows, and chapters within episodes. If you stop listening to a podcast and go back to it later, the podcast begins playing from where you left off.

To listen to a podcast:

- 1 Choose Music > Podcasts, and then choose a show.

Shows appear in reverse chronological order so that you can listen to the most recent one first. You see a blue dot next to shows and episodes you haven't listened to yet.

- 2 Choose an episode to play it.

The Now Playing screen displays the show, episode, and date information, along with elapsed and remaining time. Press the Center button to see more information about the podcast. If the podcast includes artwork, you also see a picture. Podcast artwork can change during an episode, so you might see several pictures during the podcast.

If the podcast you're listening to has chapters, you can press the Next/Fast-forward or Previous/Rewind button to skip to the next chapter or the beginning of the current chapter in the podcast.

For more information about podcasts, open iTunes and choose Help > iTunes Help. Then search for "podcasts."

Listening to Audiobooks

You can purchase and download audiobooks from the iTunes Store or from audible.com and listen to them on iPod nano.

You can use iTunes to load audiobooks onto iPod nano the same way you load songs. If you stop listening to an audiobook on iPod nano and go back to it later, the audiobook begins playing from where you left off. Unless you're playing songs from within playlists, iPod nano skips audiobooks when set to shuffle.

If the audiobook you're listening to has chapters, you can press the Next/Fast-forward or Previous/Rewind button to skip to the next chapter or the beginning of the current chapter in the audiobook.

You can play audiobooks at speeds faster or slower than normal.

To set audiobook play speed:

- Choose Settings > Audiobooks and choose a speed.

You can also adjust the reading speed from the Now Playing screen while you're listening to an audiobook. Press the Center button until you see the Speed menu item, and then use the Click Wheel to set Speed to Slower or Faster.

Setting the play speed only affects audiobooks purchased from the iTunes Store or audible.com.

Listening to FM Radio

You can listen to radio using the optional iPod Radio Remote accessory for iPod nano. iPod Radio Remote attaches to iPod nano using the Dock connector cable. For more information, see the iPod Radio Remote documentation.

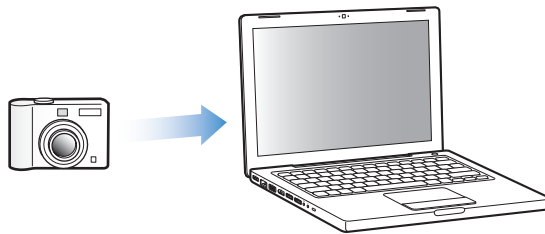
You can import digital photos to your computer and load them onto iPod nano. You can view your photos on iPod nano individually or as a slideshow. Read this section to learn about importing and viewing photos.

Importing Photos

You can import digital photos from a digital camera to your computer, and then load them onto iPod nano for viewing.

Importing Photos from a Camera to Your Computer

You can import photos from a digital camera or a photo card reader.



To import photos to a Mac using iPhoto:

- 1 Connect the camera or photo card reader to your computer. Open iPhoto (located in the Applications folder) if it doesn't open automatically.
- 2 Click Import.

Images from the camera are imported into iPhoto.

You can import other digital images into iPhoto, such as images you download from the web. For more information about importing and working with photos and other images, open iPhoto and choose Help > iPhoto Help.

iPhoto is available for purchase as part of the iLife suite of applications at www.apple.com/ilife. iPhoto might already be installed on your Mac, in the Applications folder.

If you don't have iPhoto, you can import photos using Image Capture.

To import photos to a Mac using Image Capture:

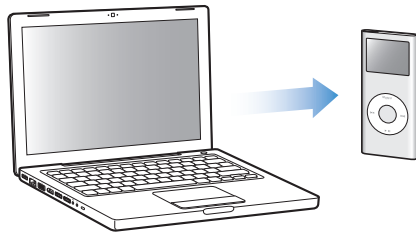
- 1 Connect the camera or photo card reader to your computer.
- 2 Open Image Capture (located in the Applications folder) if it doesn't open automatically.
- 3 To choose specific items to import, click Download Some. Or, to import all items, click Download All.

To import photos to a Windows PC:

- Follow the instructions that came with your digital camera or photo application.

Loading Photos from Your Computer onto iPod nano

You can load photos onto iPod nano from a folder on your hard disk. If you have a Mac and iPhoto 4.0.3 or later, you can load iPhoto albums automatically. If you have a Windows PC and Adobe Photoshop Album 2.0 or later, or Adobe Photoshop Elements 3.0 or later, you can load photo collections automatically.



The first time you load photos onto iPod nano might take some time, depending upon how many photos are in your photo library.

To sync photos from a Mac or Windows PC onto iPod nano using a photo application:

- 1 Open iTunes, select iPod nano in the Source pane, and then click the Photos tab.
- 2 Select "Sync photos from:"
 - On a Mac, choose iPhoto from the pop-up menu.
 - On a Windows PC, choose Photoshop Album or Photoshop Elements from the pop-up menu.

- 3 If you want to load all your photos, choose “All photos and albums.” If you want to load photos only from certain albums or collections, choose “Selected albums” and select the albums or collections you want.

Note: Some versions of Photoshop Album and Photoshop Elements don’t support collections. You can still use them to load all your photos.

- 4 Click Apply.

Each time you connect iPod nano to your computer, photos are loaded automatically.

To sync photos from a folder on your hard disk to iPod nano:

- 1 Drag the images you want into a folder on your computer.

If you want images to appear in separate photo albums on iPod nano, create folders inside the main image folder, and drag images into the new folders.

- 2 Open iTunes, select iPod nano in the Source pane, and then click the Photos tab.
- 3 Select “Sync photos from:”
- 4 Choose “Choose Folder” from the pop-up menu and select your image folder.
- 5 Click Apply.

When you load photos onto iPod nano, iTunes optimizes the photos for viewing on iPod nano. Full-resolution image files aren’t loaded by default. Loading full-resolution image files is useful, for example, if you want to move your images from one computer to another, but is not necessary for viewing the photos at full quality on iPod nano.

To load full-resolution photos onto iPod nano:

- 1 Open iTunes, select iPod nano in the Source pane, and then click the Photos tab.
- 2 Select “Include full-resolution photos.”
- 3 Click Apply.

iTunes copies the full-resolution versions of the photos to the Photos folder on iPod nano.

To delete photos from iPod nano:

- 1 Open iTunes, select iPod nano in the Source pane, and then click the Photos tab.
- 2 Select “Sync photos from:”
 - On a Mac, choose iPhoto from the pop-up menu.
 - On a Windows PC, choose Photoshop Album or Photoshop Elements from the pop-up menu.
- 3 Choose “Selected albums” and deselect the albums or collections you no longer want on iPod nano.
- 4 Click Apply.

Loading Photos from iPod nano onto a Computer

If you load full-resolution photos from your computer onto iPod nano using the previous steps, they're stored in a Photos folder on iPod nano. You can connect iPod nano to a computer and load these photos onto the computer, if iPod nano is enabled for disk use (see "Using iPod nano as an External Disk" on page 36).

To load photos from iPod nano onto a computer:

- 1 Connect iPod nano to the computer.
- 2 Drag image files from the Photos folder on iPod nano to the desktop or to a photo editing application on the computer.

Note: You can also use a photo editing application, such as iPhoto, to load photos stored in the Photos folder. See the documentation that came with the application for more information.

To delete photos from the Photos folder on iPod nano:

- 1 Connect iPod nano to the computer.
- 2 In the Finder, open the Photos folder on iPod nano and delete the photos you no longer want.

Viewing Photos

You can view photos on iPod nano manually or as a slideshow.

Viewing Photos on iPod nano

To view photos on iPod nano:

- 1 On iPod nano, choose Photos > Photo Library. Or choose Photos and a photo album to see only the photos in the album. Thumbnail views of the photos might take a moment to appear.
- 2 Select the photo you want and press the Center button to view a full-screen version.

From any photo-viewing screen, use the Click Wheel to scroll through photos. Press the Next/Fast-forward or Previous/Rewind button to skip to the next or previous screen of photos. Press and hold the Next/Fast-forward or Previous/Rewind button to skip to the last or first photo in the library or album.

Viewing Slideshows

You can view a slideshow with music and transitions on iPod nano.

To set slideshow settings:

- Choose Photos > Slideshow Settings, and then follow these instructions:

To set	Do this
The length of time each slide is displayed before advancing	Choose Time Per Slide and pick a time.
The music that plays during slideshows	Choose Music and choose a playlist. If you're using iPhoto, you can choose From iPhoto to copy the iPhoto music setting. Only the songs that you have loaded onto iPod nano play.
Slides to repeat	Set Repeat to On.
Slides to display in random order	Set Shuffle Photos to On.
Slides to display with transitions	Choose Transitions and choose a transition type.

To view a slideshow on iPod nano:

- Select any photo, album, or roll, and press Play. Or select any full-screen photo and press the Center button. To pause, press the Play/Pause button. To skip to the next or previous photo, press the Next/Fast-forward or Previous/Rewind button.

iPod nano can do a lot more than play songs. And you can do a lot more with it than listen to music.

Read this section to find out more about the extra features of iPod nano, including how to use it as an external disk, alarm, or sleep timer; show times of day in other parts of the world; and sync contacts, calendars, to-do lists, and notes. Learn about how to use iPod nano as a stopwatch and lock the screen, and about the accessories available for iPod nano.

Using iPod nano as an External Disk

You can use iPod nano as an external disk to store data files.

Note: To load music and other audio files onto iPod nano, you must use iTunes. For example, you won't see songs you load with iTunes in the Macintosh Finder or in Windows Explorer. Likewise, if you copy music files to iPod nano in the Macintosh Finder or Windows Explorer, you won't be able to play them on iPod nano.

To enable iPod nano as an external disk:

- 1 In iTunes, select iPod nano in the Source pane, and then click the Summary tab.
- 2 In the Options section, select "Enable disk use."
- 3 Click Apply.

When you use iPod nano as an external disk, the iPod nano disk icon appears on the desktop on the Mac, or as the next available drive letter in Windows Explorer on a Windows PC.

Note: Clicking Summary and selecting "Manually manage music" in the Options section also enables iPod nano to be used as an external disk. Drag files to and from iPod nano to copy them.

If you use iPod nano primarily as a disk, you might want to keep iTunes from opening automatically when you connect iPod nano to your computer.

To prevent iTunes from opening automatically when you connect iPod nano to your computer:

- 1 In iTunes, select iPod nano in the Source pane, and then click the Summary tab.
- 2 In the Options section, deselect “Open iTunes when this iPod is connected.”
- 3 Click Apply.

Using Extra Settings

You can set the date and time, clocks in different time zones, and alarm and sleep features on iPod nano. You can use iPod nano as a stopwatch or to play games, and you can lock the iPod nano screen.

Setting and Viewing the Date and Time

The date and time are set automatically from your computer’s clock when you connect iPod nano, but you can change the settings.

To set date and time options:

- 1 Choose Settings > Date & Time.
- 2 Choose one or more of the following options:

To	Do this
Specify the time zone	Choose Set Time Zone and choose a time zone from the list.
Set the date and time	Choose Set Date & Time. Use the Click Wheel to change the selected value. Press the Center button to move to the next value.
Display the time in another format	Choose Time and press the Center button to toggle between 12-hour and 24-hour formats.
Display the time in the title bar	Choose Time in Title and press the Center button to choose On or Off.

Adding Clocks for Other Time Zones

To add clocks for other time zones (where available) to the iPod nano screen:

- 1 Choose Extras > Clock.
- 2 Choose New Clock.
- 3 Choose a region and then choose a city.

The clocks you add appear in a list. The last clock you added appears last.

To delete a clock:

- 1 Choose the clock.
- 2 Choose Delete This Clock and confirm by choosing Delete on the next screen.

Setting the Alarm

You can set an alarm for any clock on iPod nano.

To use iPod nano as an alarm clock:

- 1 Choose Extras > Clock and then choose the clock you want to set an alarm for.
- 2 Choose Alarm Clock.
- 3 Set Alarm to On.
- 4 Choose Time and set the time that you want the alarm to sound.
- 5 Choose a sound.

If you choose Beep, you'll hear the alarm through the internal speaker. If you choose a playlist, you'll need to connect iPod nano to speakers or headphones to hear the alarm. You'll see a bell icon next to any clock you set an alarm for.

Setting the Sleep Timer

You can set iPod nano to turn off automatically after playing music or a slideshow for a specified period of time.

To set the sleep timer:

- 1 Choose Extras > Clock and then choose a clock.
- 2 Choose Sleep Timer and choose how long you want iPod nano to play.

When you set the sleep timer, the Now Playing screen displays a clock icon and the number of minutes left until iPod nano turns off.

Using the Stopwatch

You can use the stopwatch as you exercise to track your overall time and, if you're running on a track, your lap times. You can play music while you use the stopwatch.

To use the stopwatch:

- 1 Choose Extras > Stopwatch > Timer.
- 2 Choose Start to start the timer.
- 3 Choose Lap after each lap to record your lap times.

The screen displays the workout session's total time and the last several lap times.

- 4 Choose Pause to stop the overall timer and the lap timer, or Resume to start the timers again.
- 5 Choose Done to end the session.

iPod nano stores stopwatch sessions with dates, times, and lap statistics.

Note: After you start the stopwatch, iPod nano stays on as long as you display the Timer screen and the timer continues to run. If you start the stopwatch and then go to another menu, and iPod nano isn't playing music, the stopwatch timer stops and iPod nano turns off automatically after a few minutes.

To review or delete a stopwatch session:

- 1 Choose Extras > Stopwatch.
A list of saved sessions appears after the Timer menu item.
- 2 Choose a session to view session information.
You see the date and time the session started; the total time of the session; the shortest, longest, and average lap times; and the last lap time.
- 3 To delete a session, press the Center button and choose Delete.

Playing Games

iPod nano has a number of games.

To play a game:

- Choose Extras > Games and choose a game.

Locking the iPod nano Screen

You can set a combination to prevent iPod nano from being used by someone without your permission. When you lock an iPod nano that is not connected to a computer, you must enter a combination to unlock and use it.

Note: This is different from the Hold button, which prevents iPod nano from turning on accidentally. The combination prevents another person from viewing the iPod nano screen.

To set a combination for iPod nano:

- 1 Choose Extras > Screen Lock > Set Combination.
- 2 On the Enter New Code screen, enter a combination:
 - Use the Click Wheel to select a number for the first position. Press the Center button to confirm your choice and move to the next position.
 - Use the same method to set the remaining numbers of the combination. You can use the Next/Fast-forward button to move to the next position and the Previous/Rewind button to move to the previous position. Press the Center button in the final position to confirm the entire combination and return to the previous screen.

To lock the iPod nano screen:

- Choose Extras > Screen Lock > Turn Screen Lock On > Lock.

If you just finished setting your combination, Lock will already be selected on the screen. Just press the Center button to lock iPod nano.

- ▶ **Tip:** You might want to add the Screen Lock menu item to the main menu so that you can quickly lock the iPod nano screen. See “Adding or Removing Items from the Main Menu” on page 9.

You can unlock the iPod nano screen in two ways:

- Enter the combination on iPod nano by using the Click Wheel to select the numbers and pressing the Center button to confirm them. If you enter the wrong combination, it flashes red. Try again.
- Connect iPod nano to the primary computer you use it with, and iPod nano automatically unlocks.

Note: If you try these methods and you still can't unlock iPod nano, you can restore iPod nano. See “Updating and Restoring iPod nano Software” on page 50.

To change a combination you've already set:

- 1 Choose Extras > Screen Lock > Change Combination.
- 2 On the Enter Old Code screen, enter the current combination.
- 3 On the Enter New Code screen, enter a new combination.

Note: If you can't remember the current combination, the only way to clear it and enter a new one is to restore the iPod software. See “Updating and Restoring iPod nano Software” on page 50.

Syncing Contacts, Calendars, and To-Do Lists

iPod nano can store contacts, calendar events, and to-do lists for viewing on the go.

If you're using Mac OS X v10.4 or later, you can use iTunes to sync the contacts and calendar information on iPod nano with Address Book and iCal. If you're using any version of Mac OS X earlier than 10.4, you can use iSync to sync your information. Syncing information using iSync requires iSync 1.1 or later, and iCal 1.0.1 or later.

If you are using Windows 2000 or Windows XP, and you use Outlook Express or Microsoft Outlook 2003 or later to store your contact information, you can use iTunes to sync the contact information on iPod nano. If you use Microsoft Outlook 2003 or later to keep a calendar, you can also sync calendar information.

To sync contact or calendar information using Mac OS X v10.4 or later:

- 1 Connect iPod nano to your computer.
- 2 In iTunes, select iPod nano in the Source pane and click the Contacts tab.
- 3 Do one of the following:
 - To sync contacts, in the Contacts section, select “Sync Address Book contacts,” and select an option:
 - To sync all contacts automatically, click “All contacts.”
 - To sync selected groups of contacts automatically, click “Selected groups” and select the groups you want to sync.When you click Apply, iTunes updates iPod nano with the Address Book contact information you specified.
 - To sync calendars, in the Calendars section, select “Sync iCal calendars,” and choose an option:
 - To sync all calendars automatically, select “All calendars.”
 - To sync selected calendars automatically, select “Selected calendars” and select the calendars you want to sync.When you click Apply, iTunes updates iPod nano with the calendar information you specified.

To sync contacts and calendars with a Mac and iSync using a version of Mac OS X earlier than 10.4:

- 1 Connect iPod nano to your computer.
- 2 Open iSync and choose Devices > Add Device. You need to do this step only the first time you use iSync with iPod nano.
- 3 Select iPod nano and click Sync Now. iSync loads information from iCal and Mac Address Book onto iPod nano.

The next time you want to sync iPod nano, you can simply open iSync and click Sync Now. You can also choose to have iPod nano sync automatically when you connect it.

Note: iSync loads information from your computer onto iPod nano. You can't use iSync to load information from iPod nano onto your computer.

To sync contacts or calendars using Microsoft Outlook for Windows or Outlook Express for Windows:

- 1 Connect iPod nano to your computer.
- 2 In iTunes, select iPod nano in the Source pane and click the Contacts tab.
- 3 Do one of the following:
 - To sync contacts, in the Contacts section, select “Sync contacts from” and choose Microsoft Outlook or Outlook Express from the pop-up menu. Then select which contact information you want to sync.
 - To sync calendars from Microsoft Outlook, in the Calendars section, select “Sync calendars from Microsoft Outlook.”
- 4 Click Apply.

You can also load contact and calendar information onto iPod nano manually. iPod nano must be enabled as an external disk (see “Using iPod nano as an External Disk” on page 36).

To load contact information manually:

- 1 Connect iPod nano and open your favorite email or contacts application. Loading contacts works with Palm Desktop, Microsoft Outlook, Microsoft Entourage, and Eudora, among others.
- 2 Drag contacts from the application’s address book to the iPod Contacts folder.

In some cases, you might need to export contacts and then drag the exported file or files to the iPod Contacts folder. See the documentation for your email or contacts application.

To load appointments and other calendar events manually:

- 1 Export calendar events from any calendar application that uses the standard iCalendar format (filenames end in .ics) or vCal format (filenames end in .vcs).
- 2 Drag the files to the Calendars folder on iPod nano.

Note: To load to-do lists onto iPod nano manually, save them in a calendar file with a .ics or .vcs extension.

To view contacts on iPod nano:

- Choose Extras > Contacts.

To view calendar events:

- Choose Extras > Calendar.

To view to-do lists:

- Choose Extras > Calendar > To Do.

Storing and Reading Notes

You can store and read text notes on iPod nano if it is enabled as an external disk (see page 36).

- 1 Save a document in any word-processing application as a text (.txt) file.
- 2 Place the file in the Notes folder on iPod nano.

To view notes:

- Choose Extras > Notes.

Recording Voice Memos

You can record voice memos using an optional iPod nano-compatible microphone (available for purchase at www.apple.com/ipodstore). You can store voice memos on iPod nano and load them onto your computer. You can set iPod nano to record low-quality mono (22.05 kHz) to save space, or high-quality stereo (44.1 kHz) for better sound.

To record a voice memo:

- 1 Connect a microphone to the Dock connector port on iPod nano.
- 2 Set Quality to Low or High.
- 3 To begin recording, choose Record.
- 4 Hold the microphone a few inches from your mouth and speak. To pause recording, choose Pause.
- 5 When you finish, choose Stop and Save. Your saved recording is listed by date and time.

To play a recording:

- Choose Extras > Voice Memos and select the recording.

Note: You won't see a Voice Memos menu item if you've never connected a microphone to iPod nano.

To load voice memos onto your computer:

Voice memos are saved in a Recordings folder on iPod nano, in the WAV file format. If you enable iPod nano for disk use, you can drag voice memos from the folder to copy them.

If iPod nano is set to sync songs automatically (see "Syncing Music Automatically" on page 21) and you record voice memos, the voice memos are automatically synced to a playlist in iTunes (and removed from iPod nano) when you connect iPod nano. You see the new Voice Memos playlist in the Source pane.

Learning About iPod nano Accessories

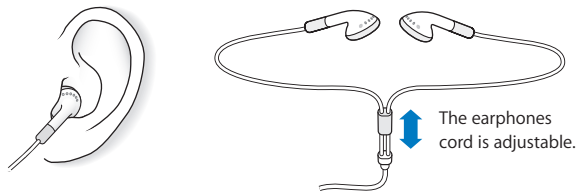
iPod nano comes with some accessories, and many other accessories are available at www.apple.com/ipodstore.

Available accessories include:

- iPod In-Ear Headphones
- iPod Hi-Fi
- iPod nano (2nd Generation) Armband
- iPod nano (2nd Generation) Dock
- iPod nano (2nd Generation) Lanyard Headphones
- iPod Radio Remote
- iPod Universal Dock
- iPod USB Power Adapter
- Nike + iPod Sport Kit
- World Travel Adapter Kit
- Third-party accessories—such as speakers, headsets, cases, microphones, car stereo adapters, power adapters, and more

To use the earphones:

- Plug the earphones into the Headphones port. Then place the earbuds in your ears as shown.



WARNING: Permanent hearing loss may occur if earbuds or headphones are used at high volume. Set the volume to a safe level. You can adapt over time to a higher volume of sound that may sound normal but can be damaging to your hearing. If you experience ringing in your ears or muffled speech, stop listening and have your hearing checked. The louder the volume, the less time is required before your hearing could be affected. Hearing experts suggest that to protect your hearing:

- Limit the amount of time you use earbuds or headphones at high volume.
- Avoid turning up the volume to block out noisy surroundings.
- Turn the volume down if you can't hear people speaking near you.

For information about setting a maximum volume limit on iPod nano, see "Setting the Maximum Volume Limit" on page 26.

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

The 5 Rs: Reset, Retry, Restart, Reinstall, Restore

Remember these five basic suggestions if you have a problem with iPod nano. Try these steps one at a time until your issue is resolved. If one of the following doesn't help, read on for solutions to specific problems.

- *Reset* iPod nano. See “General Suggestions,” below.
- *Retry* with a different USB port if you cannot see iPod nano in iTunes.
- *Restart* your computer, and make sure you have the latest software updates installed.
- *Reinstall* iTunes software from the latest version on the web.
- *Restore* iPod nano. See “Updating and Restoring iPod nano Software” on page 50.

General Suggestions

Most problems with iPod nano can be solved by resetting it. First, make sure iPod nano is charged.

To reset iPod nano:

- 1 Toggle the Hold switch on and off (slide it to HOLD and then back again).
- 2 Press and hold the Menu and Center buttons for at least 6 seconds, until the Apple logo appears.

If iPod nano won't turn on or respond

- Make sure the Hold switch is not set to HOLD.
- The iPod nano battery might need to be recharged. Connect iPod nano to your computer or to an Apple iPod Power Adapter and let the battery recharge. Look for the lightning bolt icon on the iPod nano screen to verify that iPod nano is receiving a charge.

To charge the battery, connect iPod nano to a high-power USB or FireWire port on your computer. Connecting iPod nano to a USB port on your keyboard will not charge the battery. You can connect iPod nano to a FireWire port using the optional iPod Dock Connector to FireWire Cable, for charging the iPod nano only. Loading information onto iPod nano using FireWire is not supported.

- Try the 5 Rs, one by one, until iPod nano responds.

If you want to disconnect iPod nano, but you see the message “Do not disconnect”

- If iPod nano is loading music, wait for it to complete.
- Select iPod nano in the Source pane, and click the Eject (⏏) button.
- If iPod nano disappears from the list of devices in the iTunes Source pane, but you still see the “Do not disconnect” message on the iPod nano screen, disconnect iPod nano.
- If iPod nano doesn’t disappear from the list of devices in the iTunes Source pane, drag the iPod nano icon from the desktop to the Trash (if you’re using a Mac) or click the Safely Remove Hardware icon in the system tray and select iPod nano (if you’re using a Windows PC). If you still see the “Do not disconnect” message, restart your computer and eject iPod nano again.

If iPod nano isn’t playing music

- Make sure the Hold switch is not set to HOLD.
- Make sure the headphone connector is pushed in all the way.
- Make sure the volume is adjusted properly. If you see a lock to the right of the volume bar, a volume limit has been set. You can change or remove it by using Settings > Volume Limit. See “Setting the Maximum Volume Limit” on page 26.
- iPod nano might be paused. Try pressing the Play/Pause button.
- Make sure you are using iTunes 7 or later (go to www.apple.com/ipod/start). Songs purchased from the iTunes Store using earlier versions of iTunes won’t play on iPod nano until you upgrade iTunes.
- If you’re using the iPod nano Dock, make sure the iPod nano is seated firmly in the Dock and make sure all cables are connected properly.
- If you are using the Dock line out port, make sure your external speakers or stereo are turned on and working properly.

If you connect iPod nano to your computer and nothing happens

- Make sure you have installed the latest iTunes software from www.apple.com/ipod/start.
- Try connecting to a different USB port on your computer.

Note: A USB 2.0 port is recommended to connect iPod nano. USB 1.1 is significantly slower than USB 2.0. If you have a Windows PC that doesn’t have a USB 2.0 port, in some cases you can purchase a USB 2.0 card. For more information, go to www.apple.com/ipodstore.

- iPod nano might need to be reset (see page 45).
- If you're connecting iPod nano to a portable or laptop computer using the iPod Dock Connector to USB 2.0 Cable, connect the computer to a power outlet before connecting iPod nano.
- Make sure you have the required computer and software. See "If you want to double-check the system requirements" on page 48.
- Check the cable connections. Unplug the cable at both ends and make sure no foreign objects are in the USB ports. Then plug the cable back in securely. Make sure the connectors on the cables are oriented correctly. They can be inserted only one way.
- Try restarting your computer.
- If none of the previous suggestions solves your problem, you might need to restore iPod software. See "Updating and Restoring iPod nano Software" on page 50.

If iPod nano displays a "Use iTunes to restore" message

- Make sure you have the latest version of iTunes on your computer (download it from www.apple.com/ipod/start).
- Connect iPod nano to your computer. When iTunes opens, follow the onscreen prompts to restore iPod nano.
- If restoring iPod nano doesn't solve the problem, iPod nano may need to be repaired. You can arrange for service at the iPod Service & Support website: www.apple.com/support/ipodnano/service

If you can't load a song or other item onto iPod nano

The song might have been encoded in a format that iPod nano doesn't support. The following audio file formats are supported by iPod nano. These include formats for audiobooks and podcasting:

- AAC (M4A, M4B, M4P, up to 320 Kbps)
- Apple Lossless (a high-quality compressed format)
- MP3 (up to 320 Kbps)
- MP3 Variable Bit Rate (VBR)
- WAV
- AA (audible.com spoken word, formats 2, 3, and 4)
- AIFF

A song encoded using Apple Lossless format has full CD-quality sound, but takes up only about half as much space as a song encoded using AIFF or WAV format. The same song encoded in AAC or MP3 format takes up even less space. When you import music from a CD using iTunes, it is converted to AAC format by default.

Using iTunes for Windows, you can convert nonprotected WMA files to AAC or MP3 format. This can be useful if you have a library of music encoded in WMA format.

iPod nano does not support WMA, MPEG Layer 1, MPEG Layer 2 audio files, or audible.com format 1.

If you have a song in iTunes that isn't supported by iPod nano, you can convert it to a format iPod nano supports. For more information, see iTunes Help.

If you accidentally set iPod nano to use a language you don't understand

You can reset the language.

- 1 Press and hold Menu until the main menu appears.
- 2 Choose the fifth menu item (Settings).
- 3 Choose the last menu item (Reset All Settings).
- 4 Choose the second menu item (Reset) and select a language.

Other iPod nano settings, such as song repeat, are also reset.

Note: If you added or removed items from the iPod nano main menu (see "Adding or Removing Items from the Main Menu" on page 9), the Settings menu item might be in a different place. If you can't find the Reset All Settings menu item, you can restore iPod nano to its original state and choose a language you understand. See "Updating and Restoring iPod nano Software" on page 50.

If you connect iPod nano to a camera connector and nothing happens

You must first import photos from your camera to your computer and then load the photos onto iPod nano. You can't connect a camera directly to iPod nano to load photos.

Some other third-party accessories cannot connect directly to iPod nano. See www.apple.com/support/ipod for more information.

If you want to double-check the system requirements

To use iPod nano, you must have:

- One of the following computer configurations:
 - A Macintosh with a USB port (USB 2.0 recommended)
 - A Windows PC with a USB port or a USB card installed (USB 2.0 recommended)
- One of the following operating systems: Mac OS X v10.3.9 or later, Windows 2000 with Service Pack 4 or later, or Windows XP Home or Professional with Service Pack 2 or later
- iTunes 7 or later (iTunes can be downloaded from www.apple.com/ipod/start)

If your Windows PC doesn't have a *high-power USB port*, you can purchase and install a USB 2.0 card. For more information, go to www.apple.com/ipodstore.



High-power USB 2.0 port

Note: You can connect iPod nano to a FireWire (IEEE 1394) port for charging, but not for transferring music and other audio files.



6-pin FireWire 400 port
(IEEE 1394)

On the Macintosh, iPhoto 4.0.3 or later is recommended for loading photos and albums onto iPod nano. This software is optional. iPhoto might already be installed on your Mac. Check the Applications folder. If you have iPhoto 4 you can update it by choosing Apple () > Software Update.

On a Windows PC, iPod nano can load photo collections automatically from Adobe Photoshop Album 2.0 or later, and Adobe Photoshop Elements 3.0 or later, available at www.adobe.com. This software is optional.

On both Macintosh and Windows PC, iPod nano can load digital photos from folders on your computer's hard disk.

If you want to use iPod nano with a Mac and a Windows PC

If you are using iPod nano with a Mac and you want to use it with a Windows PC, you must restore the iPod software for use with the PC (see "Updating and Restoring iPod nano Software" on page 50). Restoring the iPod software erases all data from iPod nano, including all songs.

You cannot switch from using iPod nano with a Mac to using it with a Windows PC without erasing all data on iPod nano.

If you lock the iPod nano screen and can't unlock it

Normally, if you can connect iPod nano to the computer it is authorized to work with, iPod nano automatically unlocks. If the computer authorized to work with iPod nano is unavailable, you can connect iPod nano to another computer and use iTunes to restore the iPod nano software. See the next section for more information.

If you want to change the screen lock combination and you can't remember the current combination, you must restore the iPod software and then set a new combination.

Updating and Restoring iPod nano Software

You can use iTunes to update or restore the iPod nano software. It is recommended that you update iPod nano to use the latest software. You can also restore the software, which puts iPod nano back to its original state.

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

To update or restore iPod nano:

- 1 Make sure you have an Internet connection and have installed the latest version of iTunes from www.apple.com/ipod/start.
- 2 Connect iPod nano to your computer.
- 3 In iTunes, select iPod nano in the Source pane and click the Summary tab.
The Version section tells you whether iPod nano is up to date or needs a newer version of the software.
- 4 Click Update to install the latest version of the software.
- 5 If necessary, click Restore to restore iPod nano to its original settings (this erases all data from iPod nano). Follow the onscreen instructions to complete the restore process.

This section contains important safety and handling information for Apple iPods.



Read all safety information below and operating instructions before using iPod nano to avoid injury.

Keep the *iPod Safety Guide* and the features guide for your iPod nano handy for future reference.

Important Safety Information

WARNING: Failure to follow these safety instructions could result in fire, electric shock, or other injury or damage.

Handling iPod nano Do not bend, drop, crush, puncture, incinerate, or open iPod nano.

Avoiding water and wet locations Do not use iPod nano in rain, or near washbasins or other wet locations. Take care not to spill any food or liquid into iPod nano. In case iPod nano gets wet, unplug all cables, turn iPod nano off, and slide the Hold switch (if available) to HOLD before cleaning, and allow it to dry thoroughly before turning it on again.

Repairing iPod nano Never attempt to repair iPod nano yourself. iPod nano does not contain any user-serviceable parts. For service information, choose iPod Help from the Help menu in iTunes or go to www.apple.com/support/ipod/service. The rechargeable battery in iPod nano should be replaced only by Apple authorized service providers. For more information about batteries, go to www.apple.com/batteries.

Using the iPod USB Power Adapter (available separately) If you use the iPod USB Power Adapter (sold separately at www.apple.com/ipodstore) to charge iPod nano, make sure that the power adapter is fully assembled before you plug it into a power outlet. Then insert the iPod USB Power Adapter firmly into the power outlet. Do not connect or disconnect the iPod USB Power Adapter with wet hands. Do not use any power adapter other than an Apple iPod power adapter to charge your iPod nano.

The iPod USB Power Adapter may become warm during normal use. Always allow adequate ventilation around the iPod USB Power Adapter and use care when handling.

Unplug the iPod USB Power Adapter if any of the following conditions exist:

- The power cord or plug has become frayed or damaged.
- The adapter is exposed to rain, liquids, or excessive moisture.
- The adapter case has become damaged.
- You suspect the adapter needs service or repair.
- You want to clean the adapter.

Avoiding hearing damage Permanent hearing loss may occur if earbuds or headphones are used at high volume. Set the volume to a safe level. You can adapt over time to a higher volume of sound that may sound normal but can be damaging to your hearing. If you experience ringing in your ears or muffled speech, stop listening and have your hearing checked. The louder the volume, the less time is required before your hearing could be affected. Hearing experts suggest that to protect your hearing:

- Limit the amount of time you use earbuds or headphones at high volume.
- Avoid turning up the volume to block out noisy surroundings.
- Turn the volume down if you can't hear people speaking near you.

For information about how to set a maximum volume limit on iPod nano, see “Setting the Maximum Volume Limit” on page 26.

Using headphones safely Use of headphones while operating a vehicle is not recommended and is illegal in some areas. Be careful and attentive while driving. Stop using iPod nano if you find it disruptive or distracting while operating any type of vehicle or performing any other activity that requires your full attention.

Use caution when using iPod headphones with lanyards (sold separately at www.apple.com/ipodstore). Certain activities may pose a risk of injury, especially if the lanyard becomes caught or trapped.

Avoiding seizures, blackouts, and eye strain If you have experienced seizures or blackouts, or if you have a family history of such occurrences, please consult a physician before playing video games on iPod (if available). Discontinue use and consult a physician if you experience: convulsion, eye or muscle twitching, loss of awareness, involuntary movements, or disorientation. When watching videos or playing games on iPod (if available), avoid prolonged use and take breaks to prevent eye strain.

Important Handling Information

NOTICE: Failure to follow these handling instructions could result in damage to iPod nano or other property.

Carrying iPod nano iPod nano contains sensitive components, including, in some cases, a hard drive. Do not bend, drop, or crush iPod nano. If you are concerned about scratching iPod nano, you can use one of the many cases sold separately.

Using connectors and ports Never force a connector into a port. Check for obstructions on the port. If the connector and port don't join with reasonable ease, they probably don't match. Make sure that the connector matches the port and that you have positioned the connector correctly in relation to the port.

Keeping iPod nano within acceptable temperatures Operate iPod nano in a place where the temperature is always between 0° and 35° C (32° to 95° F). iPod play time might temporarily shorten in low-temperature conditions.

Store iPod nano in a place where the temperature is always between -20° and 45° C (-4° to 113° F). Don't leave iPod nano in your car, because temperatures in parked cars can exceed this range.

When you're using iPod nano or charging the battery, it is normal for iPod nano to get warm. The exterior of iPod nano functions as a cooling surface that transfers heat from inside the unit to the cooler air outside.

Keeping the outside of iPod nano clean To clean iPod nano, unplug all cables, turn iPod nano off, and slide the Hold switch (if available) to HOLD. 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 nano.

Disposing of iPod nano properly For information about the proper disposal of iPod nano, including other important regulatory compliance information, see the features guide for your iPod nano.

You can find more information about using iPod nano in onscreen help and on the web.

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

To learn about	Do this
Service and support, forums, and Apple software downloads	Go to: www.apple.com/support/ipod
The latest tutorials and tips and tricks on how to make the most of your iPod nano experience	Go to: www.apple.com/support/ipod/howto
Using iTunes	Open iTunes and choose Help > iTunes Help. For an online iTunes tutorial (available in some areas only), go to: www.apple.com/support/itunes
Using iPhoto (on Mac OS X)	Open iPhoto and choose Help > iPhoto Help.
Using iSync (on Mac OS X)	Open iSync and choose Help > iSync Help.
Using iCal (on Mac OS X)	Open iCal and choose Help > iCal Help.
The latest information on iPod nano	Go to: www.apple.com/ipod
Registering iPod nano	To register iPod, install iTunes and connect iPod to your computer.
Finding the iPod nano serial number	Look at the back of iPod nano or choose Settings > About.
Obtaining warranty service	First follow the advice in this booklet, the onscreen help, and online resources, then go to: www.apple.com/support/ipodnano/service

Regulatory Compliance Information

FCC Compliance Statement

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. See instructions if interference to radio or television reception is suspected.

Radio and Television Interference

This computer equipment generates, uses, and can radiate radio-frequency energy. If it is not installed and used properly—that is, in strict accordance with Apple’s instructions—it may cause interference with radio and television reception.

This equipment has been tested and found to comply with the limits for a Class B digital device in accordance with the specifications in Part 15 of FCC rules. These specifications are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation.

You can determine whether your computer system is causing interference by turning it off. If the interference stops, it was probably caused by the computer or one of the peripheral devices.

If your computer system does cause interference to radio or television reception, try to correct the interference by using one or more of the following measures:

- Turn the television or radio antenna until the interference stops.
- Move the computer to one side or the other of the television or radio.
- Move the computer farther away from the television or radio.
- Plug the computer into an outlet that is on a different circuit from the television or radio. (That is, make certain the computer and the television or radio are on circuits controlled by different circuit breakers or fuses.)

If necessary, consult an Apple-authorized service provider or Apple. See the service and support information that came with your Apple product. Or, consult an experienced radio/television technician for additional suggestions.

Important: Changes or modifications to this product not authorized by Apple Inc. could void the EMC compliance and negate your authority to operate the product.

This product was tested for EMC compliance under conditions that included the use of Apple peripheral devices and Apple shielded cables and connectors between system components.

It is important that you use Apple peripheral devices and shielded cables and connectors between system components to reduce the possibility of causing interference to radios, television sets, and other electronic devices. You can obtain Apple peripheral devices and the proper shielded cables and connectors through an Apple Authorized Reseller. For non-Apple peripheral devices, contact the manufacturer or dealer for assistance.

Responsible party (contact for FCC matters only):
Apple Inc. Product Compliance, 1 Infinite Loop M/S 26-A, Cupertino, CA 95014-2084, 408-974-2000.

Industry Canada Statement

This Class B device meets all requirements of the Canadian interference-causing equipment regulations.

Cet appareil numérique de la classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

VCCI Class B Statement

情報処理装置等電波障害自主規制について

この装置は、情報処理装置等電波障害自主規制協議会 (VCCI) の基準に基づくクラス B 情報技術装置です。この装置は家庭環境で使用されることを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。

取扱説明書に従って正しい取扱をしてください。

European Community

Complies with European Directives 72/23/EEC and 89/336/EEC.



Disposal and Recycling Information

Your iPod contains a battery. Dispose of your iPod according to your local environmental laws and guidelines.

For information about Apple's recycling program, go to: www.apple.com/environment

Deutschland: Dieses Gerät enthält Batterien. Bitte nicht in den Hausmüll werfen. Entsorgen Sie dieses Gerätes am Ende seines Lebenszyklus entsprechend der maßgeblichen gesetzlichen Regelungen.

Nederlands: Gebruikte batterijen kunnen worden ingeleverd bij de chemokar of in een speciale batterijcontainer voor klein chemisch afval (kca) worden gedeponeerd.



Taiwan:



廢電池請回收

European Union—Disposal Information: This symbol means that according to local laws and regulations your product should be disposed of separately from household waste. When this product reaches its end of life, take it to a collection point designated by local authorities. Some collection points accept products for free. The separate collection and recycling of your product at the time of disposal will help conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment.



Apple and the Environment

At Apple, we recognize our responsibility to minimize the environmental impacts of our operations and products.

For more information, go to: www.apple.com/environment

© 2006 Apple Inc. All rights reserved. Apple, the Apple logo, FireWire, iCal, iLife, iPhoto, iPod, iTunes, Mac, Macintosh, and Mac OS are trademarks of Apple Inc., registered in the U.S. and other countries. Finder, the FireWire logo, iPod Hi-Fi, and Shuffle are trademarks of Apple Inc. Apple Store is a service marks of Apple Inc., registered in the U.S. and other countries. NIKE and the Swoosh Design are trademarks of NIKE, Inc. and its affiliates, and are used under license. Other company and product names mentioned herein may be trademarks of their respective companies.

Mention of third-party products is for informational purposes only and constitutes neither an endorsement nor a recommendation. Apple assumes no responsibility with regard to the performance or use of these products. All understandings, agreements, or warranties, if any, take place directly between the vendors and the prospective users. Every effort has been made to ensure that the information in this manual is accurate. Apple is not responsible for printing or clerical errors.

019-0969 4/2007

Index

A

- accessories for iPod nano 44
- adding menu items 9
- addresses, syncing 40
- Adobe Photoshop Album 49
- Adobe Photoshop Elements 49
- alarm, setting 38
- album artwork, viewing 29
- albums, purchasing 17
- audible.com 30
- audiobooks
 - listening to 30
 - purchasing 17
 - setting play speed 30

B

- backlight
 - setting timer 10
 - turning on 6, 10
- battery
 - charge states when disconnected 14
 - charging 12, 45
 - rechargeable 14
 - replacing 14
 - viewing charge status 13
- books. *See* audiobooks
- browsing
 - iTunes Store 17
 - podcasts 17
 - quickly 7
 - songs 6, 24
- buttons
 - Center 5
 - disabling with Hold switch 6
 - Eject 11
- buying songs, albums, and audiobooks 17

C

- calendar events, syncing 40
- Center button, using 5, 24
- charging the battery
 - about 12, 45

- using the iPod USB Power Adapter 13
 - using your computer 12
- Click Wheel
 - browsing songs 24
 - turning off the Click Wheel sound 8
 - using 5
- clocks
 - adding for other time zones 37
 - settings 37
- combination, setting 39
- computer
 - charging the battery 12
 - connecting iPod nano 10
 - importing photos from camera 31
 - loading photos from iPod nano 34
 - loading photos onto iPod nano 32
 - problems connecting iPod nano 46
 - requirements 48
- connecting iPod nano
 - about 10
 - charging the battery 12
- contacts, syncing 40
- controls
 - disabling with Hold switch 8
 - using 5
- converting unprotected WMA files 48

D

- data files, storing on iPod nano 36
- date and time
 - setting 37
 - viewing 37
- determining battery charge 14
- digital photos. *See* photos
- disconnecting iPod nano
 - about 10
 - during music update 11
 - eject first 11
 - instructions 12
 - troubleshooting 46
- disk, using iPod nano as 36
- displaying time in title bar 37
- downloading

See also loading
audiobooks 30
podcasts 18

E

earbuds. *See* headphones
earphones
 See also headphones
 using 44
Eject button 11
ejecting before disconnecting 11
equalizer 28
external disk, using iPod nano as 36

F

fast-forwarding songs 6
features of iPod nano 4
FireWire 400 port 48
folder with restore message 47
full-resolution images 33

G

games 39
getting help 54
getting started with iPod nano 48

H

headphones, using 44
hearing loss warning 44
help, getting 54
Hold switch 6, 8

I

iCal, getting help 54
Image Capture, importing photos to a Mac 32
images. *See* photos
importing contacts, calendars, to-do lists. *See* syncing
importing photos
 See also loading photos
 about 31
 from camera to computer 31
 to a Mac 32
 to a Windows PC 32
interactive iPod tutorial 54
iPhoto
 getting help 31, 54
 importing photos from camera 31
 recommended version 49
iPod Dock Connector 10
iPod nano Dock 10
iPod Updater application 50
iPod USB power adapter 12
iSync, getting help 54
iTunes

ejecting iPod nano 11
getting help 54
iTunes Store 17, 30
 setting not to open automatically 36
 Sound Check 28
 version required 48
iTunes, adding songs 18
iTunes Store
 browsing 17
 downloading podcasts 18
 purchasing audiobooks 17, 30
 purchasing songs and albums 17
 signing in 17

L

language
 resetting 48
 specifying 10
lap timer, setting 38
lightning bolt on battery icon 13
loading music
 disconnecting iPod nano 11
 from more than one computer 20
 On-The-Go playlist 26
 tutorial 54
loading photos
 all or selected photos 32, 33
 automatically 32
 from computer to iPod nano 32
 from iPod nano to computer 34
 full-resolution image 33
locking iPod nano screen 39, 40
lyrics
 adding to iTunes 19
 viewing on iPod nano 29

M

Mac OS X operating systems 48
main menu
 adding or removing items 9
 opening 5
 settings 9
managing iPod nano manually 22
maximum volume limit, setting 26
memos, recording 43
menu items
 adding or removing 9
 choosing 6
 returning to previous menu 6
modifying playlists 23
music
 See also songs; loading music
 iPod nano not playing 46
 loading manually 22
 purchasing 17

- rating 26
- setting for slideshows 35
- tutorial 54

music library, adding songs 18

N

- names, entering for songs 19
- navigating quickly 7
- notes, storing and reading 43

O

On-The-Go playlist

- loading 26
- making 25
- rating songs 26
- saving 26

operating system requirements 48

overview of iPod nano features 4

P

- pausing a song 6
- phone numbers, syncing 40
- photo collections, loading automatically 32
- photo library 32
- photos
 - deleting 33, 34
 - full-resolution 33
 - importing to Windows PC 32
 - importing using Image Capture 32
 - loading and viewing 31
 - syncing 32, 33
 - thumbnails 34
 - viewing on iPod nano 34
- playing games 39
- playing songs 6
- playlists
 - adding songs 6, 23
 - making on iPod nano 25
 - modifying 23
 - On-The-Go 25
- play speed, setting for audiobooks 30
- plug on battery icon 13
- podcasting 29
- podcasts
 - browsing 17
 - downloading 18
 - listening 29
 - subscribing 18
 - updating 23
- ports
 - FireWire 400 48
 - troubleshooting iPod nano connection 46
 - USB 48
- Power Search in iTunes Store 17
- previous menu, returning to 6

problems. *See* troubleshooting

purchasing songs, albums, audiobooks 17

Q

quick navigation 7

R

- radio accessory 30
- random play 6
- rating songs 26
- reading speed. *See* play speed
- rechargeable batteries 14
- recorded books. *See* audiobooks
- recording voice memos 43
- registering iPod nano 54
- relative volume, playing songs at 28
- removing menu items 9
- replacing battery 14
- replaying songs 6
- requirements 48
- resetting iPod nano 6, 45
- resetting the language 48
- restoring iPod software 50
- rewinding songs 6

S

- Safely Remove Hardware icon 11
- safety considerations 51
- saving On-The-Go playlists 26
- screen lock 39
- scrolling quickly 7
- searching
 - iPod 7
 - iTunes Store 17
- Select button. *See* Center button
- serial number, locating 54
- service and support 54
- sets of songs. *See* playlists
- setting a combination for iPod nano 39
- settings
 - alarm 38
 - audiobooks play speed 30
 - backlight timer 10
 - Click Wheel sound 8
 - date and time 37
 - equalizer 28
 - language 10
 - main menu 9
 - play songs at relative volume 28
 - repeat songs 25
 - shuffle songs 25
 - sleep timer 38
 - slideshow 35
 - volume limit 26
- shuffling songs on iPod nano 6, 25

- skipping songs 6
- sleep mode and charging the battery 12
- sleep timer, setting 38
- slideshows
 - background music 35
 - random order 35
 - settings 35
 - viewing on iPod nano 35
- software
 - getting help 54
 - iPhoto 49
 - iPod Updater 50
 - supported versions 49
 - updating 50
- songs
 - See also* music
 - adding to On-The-Go playlist 6
 - browsing 6
 - entering names 19
 - fast-forwarding 6
 - pausing 6
 - playing 6, 24
 - playing at relative volume 28
 - purchasing 17
 - rating 26
 - repeating 25
 - replaying 6
 - rewinding 6
 - shuffling 6, 25
 - skipping ahead 6
 - viewing lyrics 19
- Sound Check 28
- spoken word. *See* audiobooks
- stopwatch 38, 39
- storing
 - data files on iPod nano 36
 - notes on iPod nano 43
- subscribing to podcasts 18
- supported operating systems 48
- suppressing iTunes from opening 36
- syncing
 - See also* loading
 - calendars 40
 - contact information 40
 - photos 32, 33
 - to-do lists 40

T

- third-party accessories 44
- thumbnail photo view 34
- time, displaying in title bar 37
- timer, setting for backlight 10

- time zones, clocks for 37
- title bar, displaying time 37
- to-do lists, syncing 40
- transitions for slides 35
- troubleshooting
 - connecting iPod nano to computer 46
 - connecting to USB port 46
 - cross-platform use 49
 - disconnecting iPod nano 46
 - folder with *Use iTunes to restore* message 47
 - iPod nano not playing music 46
 - iPod nano won't respond 45
 - resetting iPod nano 45
 - safety considerations 51
 - setting incorrect language 48
 - software update and restore 50
 - unlocking iPod nano screen 49
- turning iPod nano on and off 6
- tutorial 54

U

- unlocking iPod nano screen 40, 49
- unresponsive iPod nano 45
- unsupported audio file formats 48
- updating and restoring software 50
- USB 2.0 port recommendation 48
- USB port on keyboard 10, 46
- Use iTunes to restore* message in display 47

V

- viewing album artwork 29
- viewing lyrics 29
- viewing photos 34
- viewing slideshows
 - on iPod nano 35
 - settings 35
- voice memos
 - loading onto computer 43
 - recording 43
- volume
 - changing 6
 - setting maximum limit 26

W

- warranty service 54
- Windows
 - importing photos 32
 - support operating systems 48
 - troubleshooting 49
- WMA files, converting 48