

# How to burn a CD or DVD optical disk

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to MacFundamentals, 11/14/2007

# In the beginning...

- In early versions of Mac OS, like System 7 and OS 8, it was impossible to burn a CD (DVDs did not exist then).
- Apple didn't start using CD burning drives in Macs until the later classic iMacs and G4 minitowers.
- You could get third-party CD burners, but you also needed CD burning software, like Toast from Adaptec, now Roxio.

# Apple burns CDs

- When Apple installs CDs in iMacs, the company also develops CD burning software that works within Mac OS 9, works very intuitively and is almost too easy to use.
- Inserting a CD brings up a dialog box, asking if you want to format the CD for burning. Then a CD icon appears on the desktop.

# Drag-and-drop burning

- Next, you drag the files you want to burn onto the CD icon, just making sure you don't drag more than 650 to 700 megabytes of data (depending on the CD), which is the CD's capacity.
- Next, drag the CD icon to the trash, which starts the burn process. Or go to Special>Burn CD. Or, in later versions, click on a CD burning icon.

# Method makes it to X

- This method was incorporated by Apple into earlier versions of Mac OS X, up to version 10.3 a.k.a. Panther.
- Then, in version 10.4 a.k.a. Tiger, Apple introduced an even newer and more intuitive method to burn optical disks: the burn folder (the other, older method still works, however).

# How to use a burn folder in Mac OS X

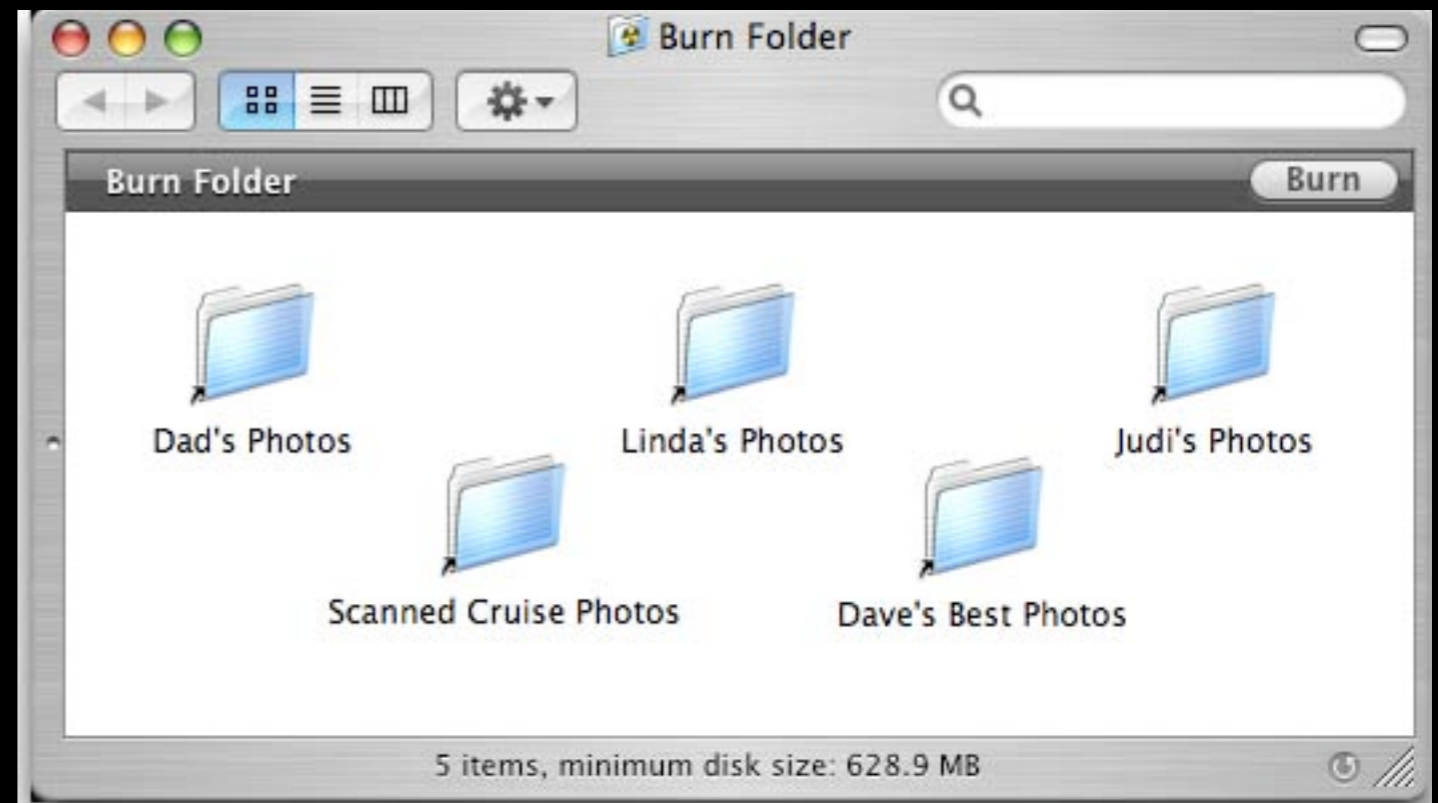
1. Create a burn folder in the Finder. It's easy to create one on your desktop, but it can live anywhere.

The burn folder looks like this.



# Deciding what to burn

2. Next, find the items you want to burn onto the CD or DVD, and drag them into the burn folder. Aliases for these items will appear in the burn folder; the originals remain as you found them.



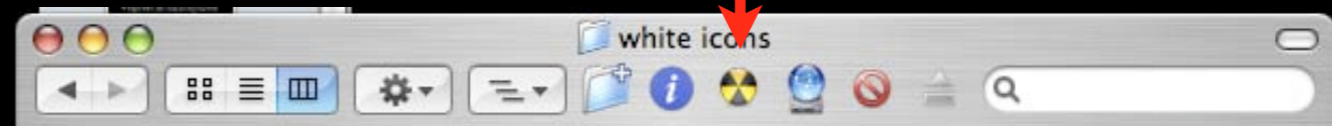
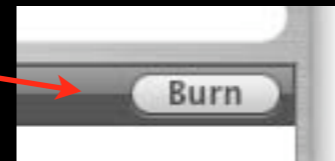
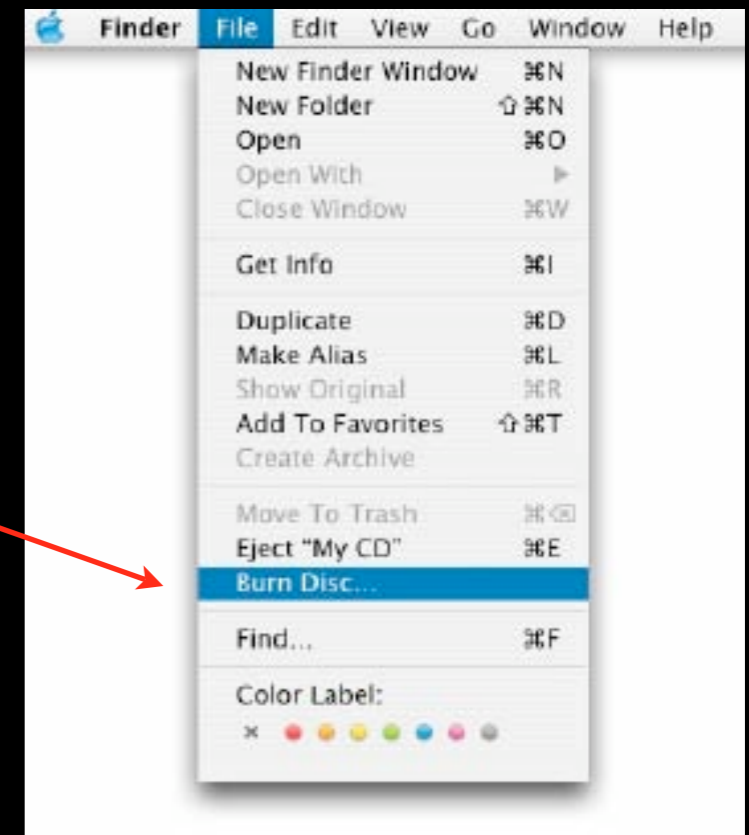
# Start the burn process...

3. There are several ways to begin the burn process.

a. Go to File > Burn Disk...

b. Open the burn folder and click the “Burn” button on the right side of the gray bar below the button bar.

c. Click on a burn CD icon on the button bar.



# Navigate the dialog boxes...



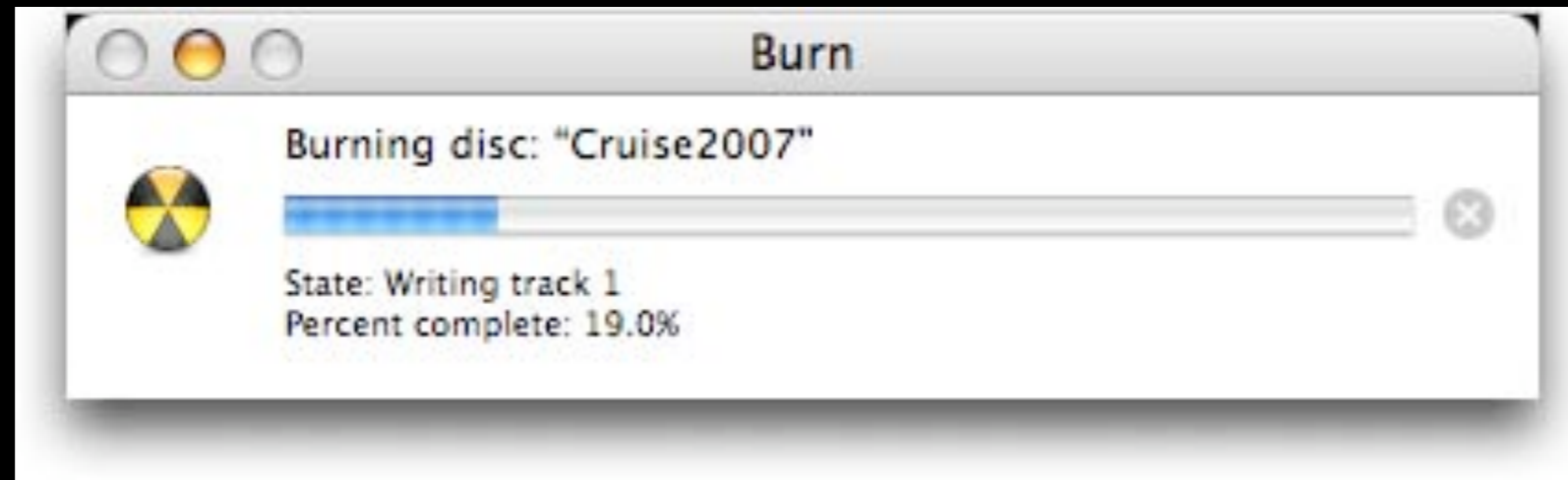
- This dialog box will appear if you have not inserted a blank CD or DVD just before beginning the burn process.

# Confirming the burn...



- This dialog box confirms the burn, allows you to name the disk (if you want a different name than the burn folder) and determine the speed of the burn (slower speeds are more reliable and less likely to produce a bad disk).

# Waiting, waiting, waiting



- The standard progress bar. The speed of the burn depends on the speed of your computer's process, the amount of RAM, free space on your hard drive, and, most of all, the speed of the drive itself.

# When finished...

- The icon for the newly burned CD or DVD should appear on your desktop. You can open it up to see whether the burn worked correctly.



# How to burn a music CD in iTunes

- You can either duplicate a CD with iTunes, or assemble some songs into a playlist, then burn the playlist into a CD.
- You should check iTunes preferences to see how iTunes is configured to burn a CD, especially what music format it uses. Many older CD players will not read music encoded in format other than audio, including the ever-popular .mp3.



Advanced

- General
- Podcasts
- Playback
- Sharing
- Store
- Advanced
- Parental
- Apple TV
- Syncing

General Importing **Burning**

CD Burner: MATSHITA CD-RW CW-8221

Preferred Speed:

Disc Format:  Audio CD

Gap Between Songs:

Use Sound Check

Include CD Text

MP3 CD

Data CD

Data discs include all files in the playlist. These discs may not play in some players.



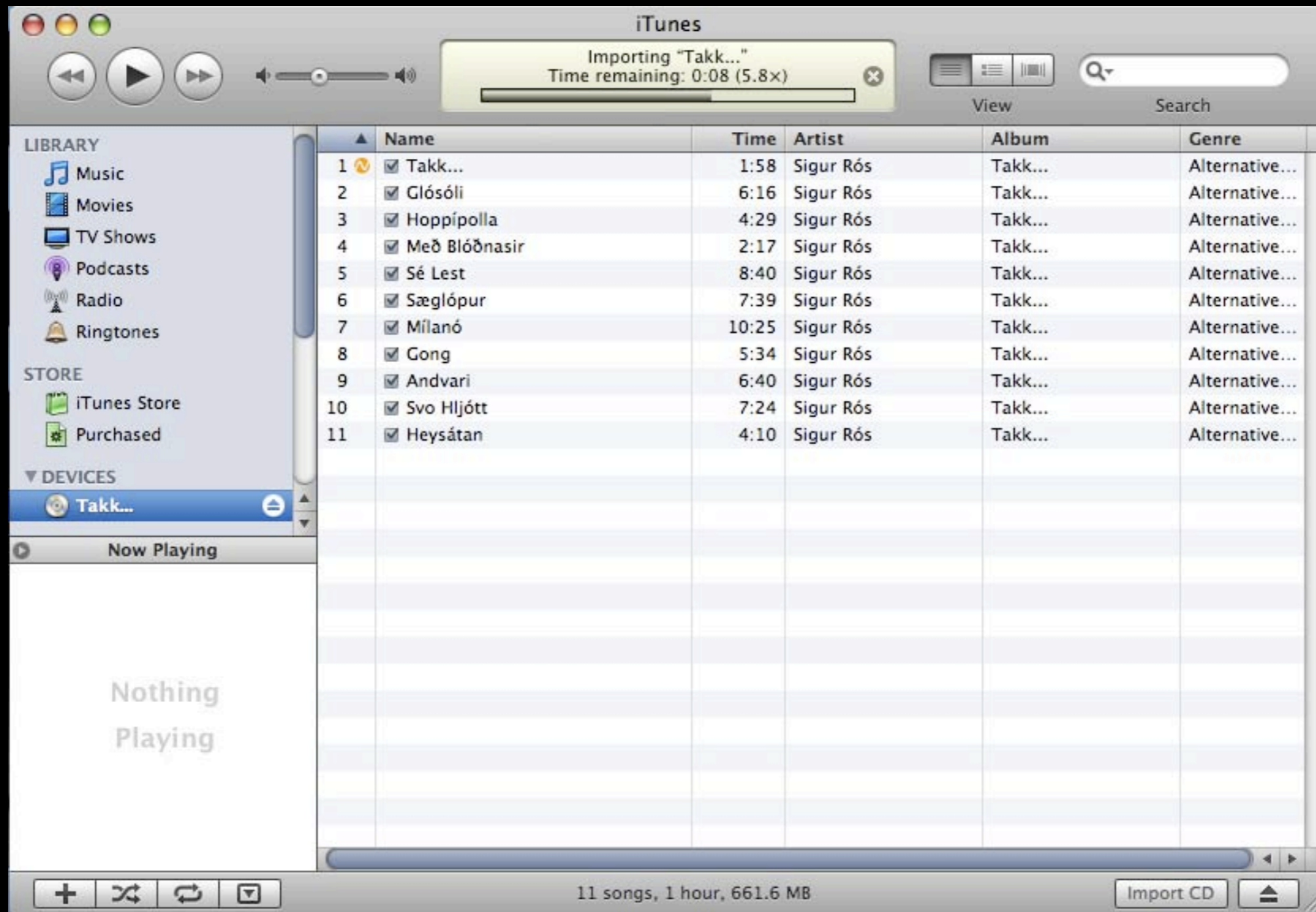
Cancel

OK

# Replicating an audio CD

- To replicate an audio CD, unless you have two CD drives in or connected to your Mac, you have to import the music files from the CD into your iTunes database.
- This means you're going to make and burn a playlist, even if the playlist is the same music as the CD.

# Importing music into iTunes



# Setting up a playlist



# Select the playlist and burn the CD

- Once you have your playlist set up (and you've made sure the music in the playlist doesn't exceed the CD's capacity), go to File>Burn Playlist to Disk, or you can right-click (with a 2-button mouse) or CTRL/click on a playlist to get a contextual menu, then choose Burn to Disk.
- You will be asked to insert a blank CD. Burn the CD, and you are done.

# Burning a playlist

The screenshot shows the iTunes application interface. At the top, a progress bar indicates "Burning Disc... initializing". The main window displays a playlist with 11 songs by Sigur Rós. A smaller window in the foreground shows "Writing 'Með Blóðnasir' Time remaining: 6:14".

Name	Time	Artist	Album	Genre
1 <input checked="" type="checkbox"/> Takk...	1:58	Sigur Rós	Takk...	Alternative..
2 <input checked="" type="checkbox"/> Glósóli	6:16	Sigur Rós	Takk...	Alternative..
3 <input checked="" type="checkbox"/> Hoppípolla	4:29	Sigur Rós	Takk...	Alternative..
4 <input checked="" type="checkbox"/> Með Blóðnasir	2:17	Sigur Rós	Takk...	Alternative..
5 <input checked="" type="checkbox"/> Sé Lest	8:40	Sigur Rós	Takk...	Alternative..
6 <input checked="" type="checkbox"/> Sæglópur	7:39	Sigur Rós	Takk...	Alternative..
7 <input checked="" type="checkbox"/> Mílanó	10:25	Sigur Rós	Takk...	Alternative..
8 <input checked="" type="checkbox"/> Gong	5:34	Sigur Rós	Takk...	Alternative..
9 <input checked="" type="checkbox"/> Andvari	6:40	Sigur Rós	Takk...	Alternative..
10 <input checked="" type="checkbox"/> Svo Hljótt	7:24	Sigur Rós	Takk...	Alternative..
11 <input checked="" type="checkbox"/> Heysátan	4:10	Sigur Rós	Takk...	Alternative..

11 songs, 1 hour, 61.5 MB

Burn Disc

Thank you for watching  
this presentation!