

Introduction

Welcome to the most popular recording software packages on the market today—Nero Burning ROM! With Nero you can create custom-made audio CDs with all your favorite songs or even transform MP3 files into audio-CDs. And adding data to a CD is simple. Nero supports all popular CD-RW drives, so compatibility won't be a problem. No wonder Nero is one the most highly regarded CD-writing software packages. Get ready to burn!

Installing Nero

This chapter explains how to configure your PC for recording data onto CDs and how to install Nero on a computer running Microsoft Windows.

System and Component Requirements

Requirements for using Nero:

- A 486 or higher PC with a speed of at least 133 MHz.
- At least 8MB DRAM.
- A CD/DVD-ROM drive for installing Nero.
- CD-R or RW media compatible with your CD-Rewriter.
- A CD-Recorder (CD-R) or Rewriter (CD-RW) drive.
- A hard disk access time of less than 19ms.

- 4.8 MB hard disk space for Nero software.

Installing and Uninstalling Nero

🔗 Installing Nero

To install Nero through its setup program:

1. Insert the Nero-Burning ROM CD in the CD/DVD-ROM drive.
2. The autorun mechanism should bring up the main setup screen automatically.

(If the autorun mechanism fails to operate, click “Start Menu/Run”, then select “autorun.exe” on the installation CD.)

3. Choose “Install Nero & InCD”.
4. Choose “Nero” from the Nero setup screen.
5. Follow the onscreen instructions. You will be asked to provide some information, such as your user name, company and setup type.
6. After installation is complete, restart your computer.

🔗 Uninstalling Nero

1. Select “Start Menu” under “Settings/Control Panel/Add-Remove Programs”.
2. *Choose “Remove/Nero Burning-ROM”*
All Nero contents will be deleted.

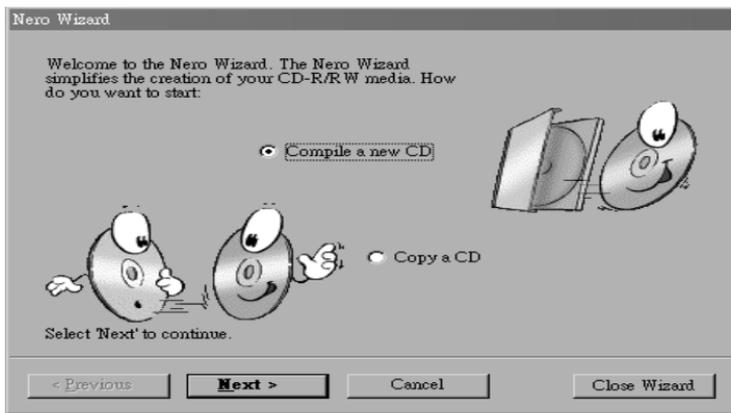
Getting familiar with the Nero Interface

This chapter introduces some commonly seen windows in the program.

After successfully installing Nero, you can open it by clicking "Start/Programs/Nero Burning ROM".

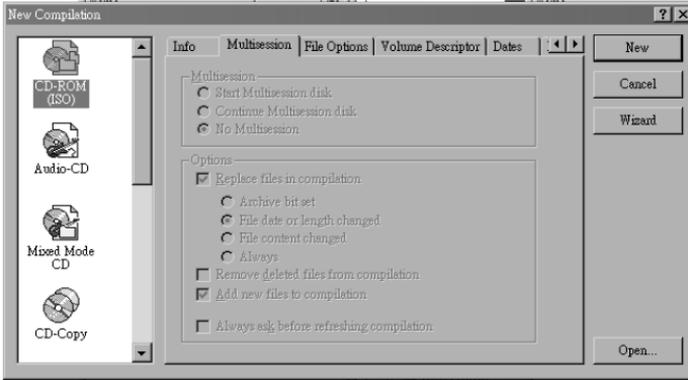
(If you plan on using Nero often, it's worth putting a shortcut on your desktop.)

Nero Wizard



"Nero Wizard" is a fantastic, easy-to-use tool with which even the beginners can copy or compile a CD in a flash. (It is the default picture after Nero is opened).

New Compilation



From the list on the left side choose the media format you want to create.

Your choices include:

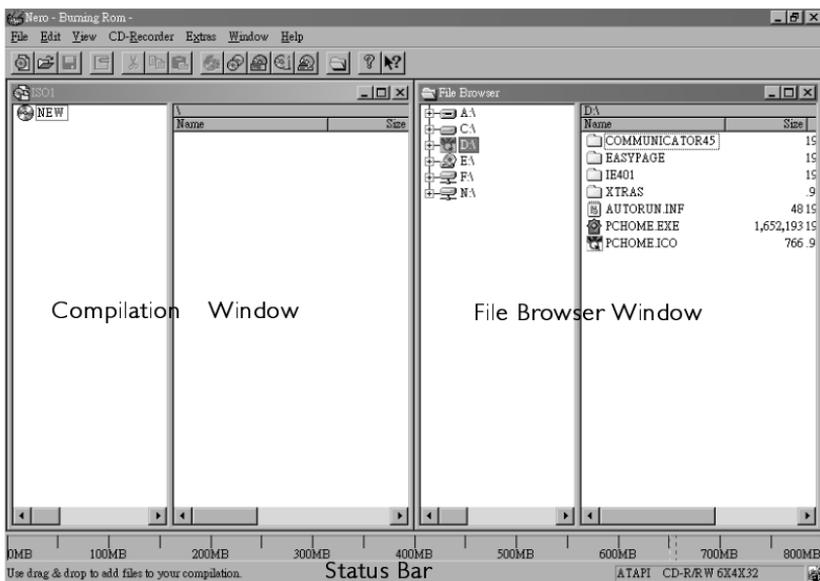
CD-ROM (ISO), Audio CD, Mixed-mode CD, CD-Copy, Video-CD, CD-ROM (Boot), CD-ROM (Hybrid), CD-ROM (UDF)& CD-ROM (UDF/ISO).

Tabs in the center include: *Info*, *Multisession*, *File options*, *Volume descriptor*, *Dates*, & *Burn*. Each is described in the following chapters.

After choosing the media format press “New” to enter the *Nero User Interface*.

User Interface

Below is Nero's user interface window:



Toolbar:

Icon

Function



New

Create a new compilation.



Open

Open an existing compilation.



Save

Save the active compilation.



Print

Print a CD cover.



Cut

Cut the selection and put it in the clipboard.



Copy

Copy the selection and put it in the clipboard.



Paste

Insert the clipboard contents.



Write CD

Open the write CD dialog.



Copy CD

Open the CD copy dialog.



Recorder

Choose a recorder driver.



CD-Info

Display CD information.



Eject

Eject the CD.



Info

Display program information, version number & copyright.



Help

Call up help information.

The File Browser Window

The file browser window can be divided into 2 parts. The directory structure of your computer is displayed in left pane. Folders and files are shown in the right pane. It is very similar to Windows *File Manager* and

Windows Explorer:

The Compilation Window

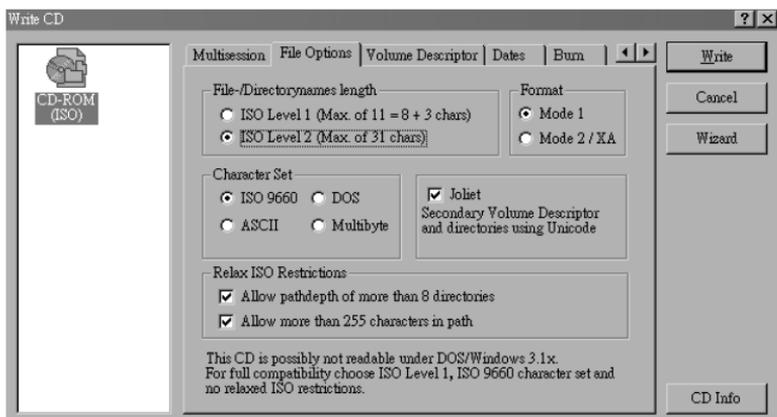
The compilation window has almost the same look as the file browser window. It shows the files and directories that have been selected for recording.

Drag & Drop

Select the files or directories you want to record from the File Browser Window, then drag them to the left Compilation Window. Folders can be deleted, moved or added.

When the compilation is done, click  or "Write CD" from "File" in the menu bar.

File Options



I. File and directory name length:

■ ISO Level 1

The file name may not be longer than 8 characters; the file extension may not have more than 3 characters (DOS environment).

■ ISO Level 2

Supports file names of up to 31 characters (Windows environment).

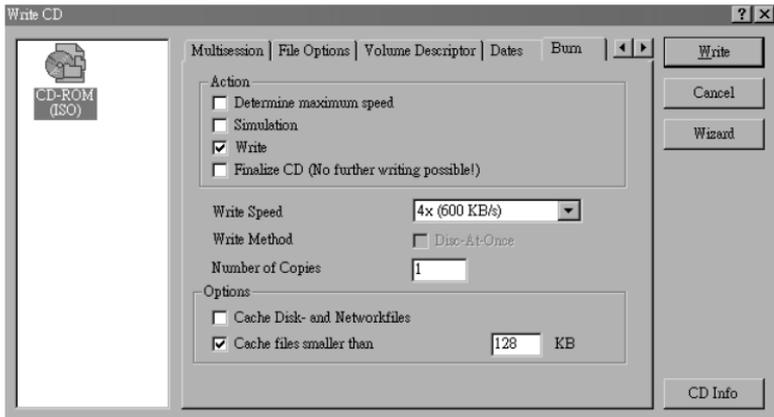
2. Relax ISO Restrictions

■ Allows a path depth of more than 8 directories. In ISSO 9660, the path depth cannot be more than 8 directories. Select this function to ignore the limitation.

■ Allow 255 characters in path.

In ISSO 9660, the full path name (e.g., c:\windows\system\file.txt), cannot be more than 255 characters. Select this function to ignore the limitation.

Burn Dialog



- Determine maximum speed
Check the “*Write Speed*” you selected in the compilation window. If the actual transfer rate does not match the selected speed, Nero will adjust the writing speed.
- Simulation
Nero simulates the writing of files onto a CD. This can help to prevent writing failures that occur before data are actually written onto CDs.
- Write
Nero starts to burn. During the process, a status window will provide various information.

- Finalize CD

After selecting this function, additional data cannot be written onto the CD.

Click on “Write” to begin writing.

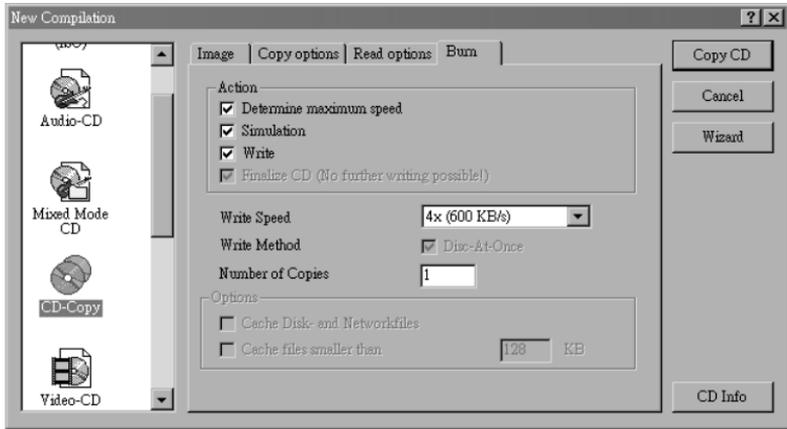
Copying a CD

Nero uses two different methods to copy data from one CD to another. “Image Copy” is the more reliable method, while “Copy on the Fly” is faster.

Image Copy

Under this method, Nero makes an image file for the contents of the source CD on your hard disk. Data are then copied onto a blank CD. Finally, the image file on your hard disk is automatically deleted. To copy a CD using this method:

1. Insert the original CD in your rewriter (which serves as the source drive). Audio, CD-ROM, game, video, and mixed-mode CD formats can be copied.
2. Click on “*CD-Copy*” in the New Compilation Window's left pane. This activates the Burn Dialog box.

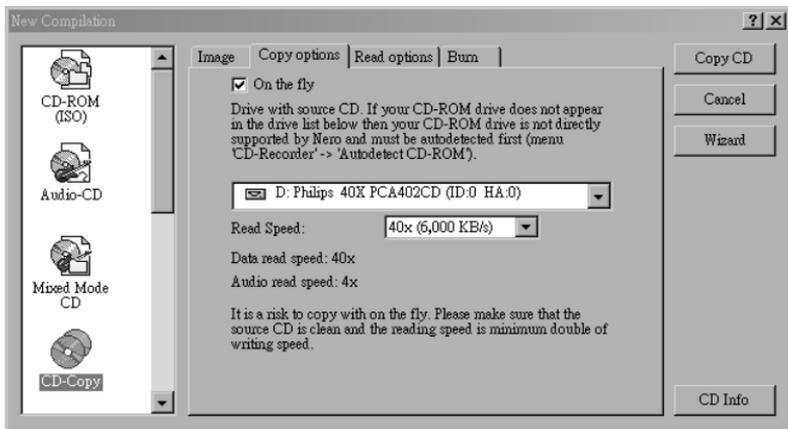


3. Check property settings. Make changes if necessary.
4. Click “*Copy CD*” to begin copying.
A status window is displayed in which the individual steps in the copying process are listed.
5. At the end of burning process, you will see a message such as “Burning process done successfully at 6X”. Then the CD will be ejected.
6. Re-insert the CD and Click “” or “*CD-Recorder/CD-Info*” to see what was written onto the CD.

Copy on the Fly

Under this method, Nero directly copies the contents of the source CD onto a blank CD.

1. Insert the original CD in your rewriter (which serves as the source drive). Audio, CD-ROM, game, video, and mixed-mode CD formats can be copied.
2. Click on “*CD-Copy*” in the New Compilation Window's left pane. This activates the Burn Dialog box.
3. Select “*Copy Options*” to enable “*on-the-fly*” copying.



4. Click “*Copy CD*” to begin copying.
A status window is displayed in which the individual steps in the copying process are listed.
5. At the end of burning process, you will see a message such as “Burning process done successfully at 6X”. Then the CD will be ejected.
6. Re-insert the CD and Click “” or “*CD-Recorder/CD-Info*”  to see what was written onto the CD.

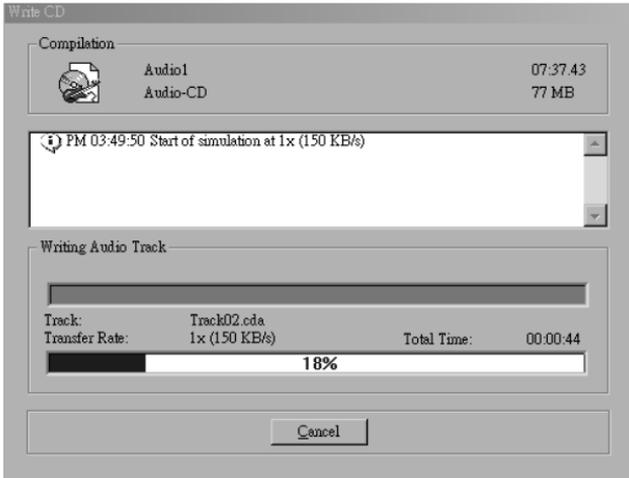
Making an Audio CD

There are 2 ways to make an audio CD: "Compiling audio tracks with Drag&Drop" or "Saving audio tracks as WAV or MP3 files".

Compiling Audio Tracks with Drag&Drop

1. Click on "Audio CD" in New Compilation window's left pane.
2. Click "New" in the right pane.
3. The blank compilation window for an audio CD opens.
4. Insert the 1st CD you want to extract audio tracks from.
5. In the Nero File Browser click on the drive letter corresponding to the drive you inserted the original CD in. The contents will be displayed.
6. Use Drag&Drop to compile the audio tracks you want to record.
7. During the process Nero will ask you to give a specific name for each source CD.
8. Once you compile all audio data, click " " to activate the write dialog box.
9. Set burn properties.
10. Check property settings. Make changes if necessary.

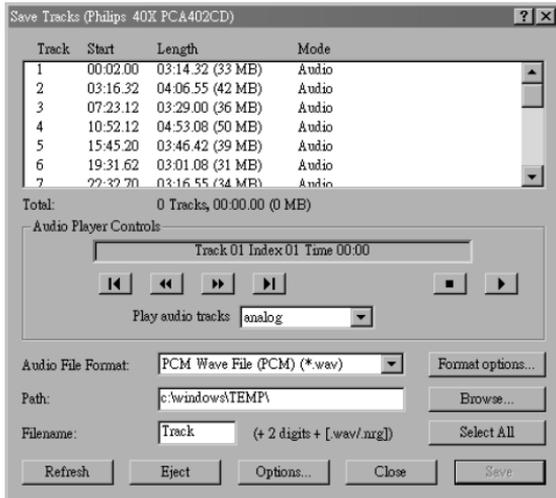
11. Click “Write” to begin writing.
12. A status window is displayed in which the individual steps in the writing process are listed.



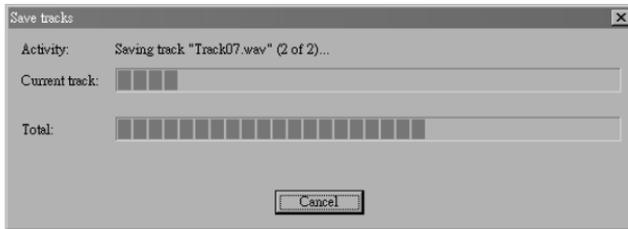
13. At the end of burning process, you will see a message such as “Burning process done successfully at 2X”. Then the CD will be ejected.
14. Re-insert the CD and Click “” or “CD-Recorder/CD-Info” to see what was written onto the CD.

Save Audio Tracks as WAV or MP3 Files

1. Insert an audio CD into your rewriter.
2. Select “CD Recorder/Save track”.
3. All CD information will be displayed in the Save track window.



4. Mark the track(s) you wish to save.
5. In "Audio File Format" icon, choose "PCM Wave File" to save the selected audio tracks in a WAV format. Choose "MP3" to save them as MP3 files.
6. Give the path and file name(s) for the track(s) you wish to store.
7. Click "Save".
8. Nero starts to save tracks.



9. Click “Audio CD” in New Compilation window's left pane to begin burning the CD.
10. Click “New” in the right pane.
11. The blank compilation window for an audio CD opens.
12. Use Drag&Drop to compile WAVs or MP3s for the audio CD.
13. Instructions below are the same as procedures in earlier chapters and thus we stop iteration.

Burning Audio CDs with MP3 Files

1. Click “Audio CD” in New Compilation window's left pane.
2. Click “New” in the right pane.
3. The blank compilation window for an audio CD opens.
4. Select the MP3 files you want to record and drag them from the file browser window to the audio compilation window.
5. Once you compile all MP3 data, click “” to enter the write

dialog box.

6. Set burn properties in the burn dialog.
7. Check property settings. Make changes if necessary.
8. Click “Write” to begin writing data.
9. A status window is displayed in which the individual steps in the writing process are listed.
10. At the end of burning process, you will see a message such as “Burning process done successfully at 2X”. Then the CD will be ejected.
11. Re-insert the CD and Click “” or “CD-Recorder/CD-Info” to see what was written onto the CD.

Making a Data CD (Single Session)

1. Click *CD-ROM (ISO)* in the New Compilation window's left pane.
2. On the File option in the property sheet, select desired properties and characteristics for the CD.
3. Click "New" in the right window pane.
4. The blank compilation for a CD-ROM opens.
5. Use "*Drag&Drop*" to compile the files for the CD.
6. Click "*File/Save*" to save the compilation for later use. (If you don't want to save the compilation, ignore this step.)
7. Click " " to enter the write dialog box.
8. Set burn properties in the burn dialog. (For a single session CD, enable "*Finalize CD*")
9. Check property settings. Make changes if necessary.
10. Click "*Write*" to begin writing.
11. A status window is displayed in which the individual steps in the writing process are listed.
12. At the end of burning process you will see a message such as

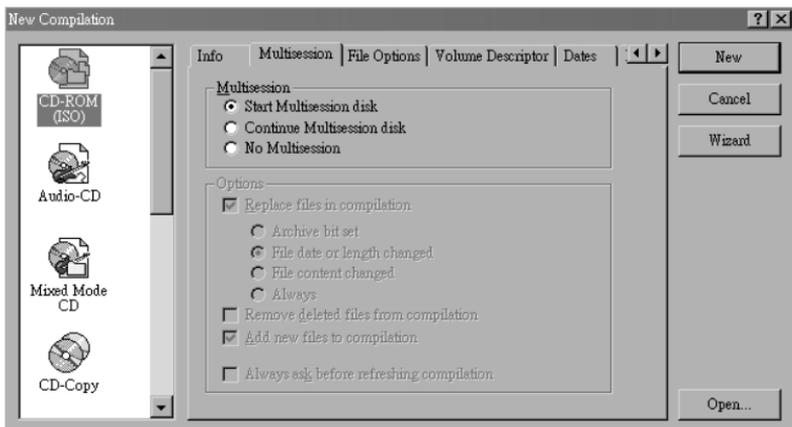
“Burning process done successfully at 6X”. Then the CD will be ejected.

13. Re-insert the CD and Click “” or “*CD-Recorder/CD-Info*” to see what was written onto the CD.

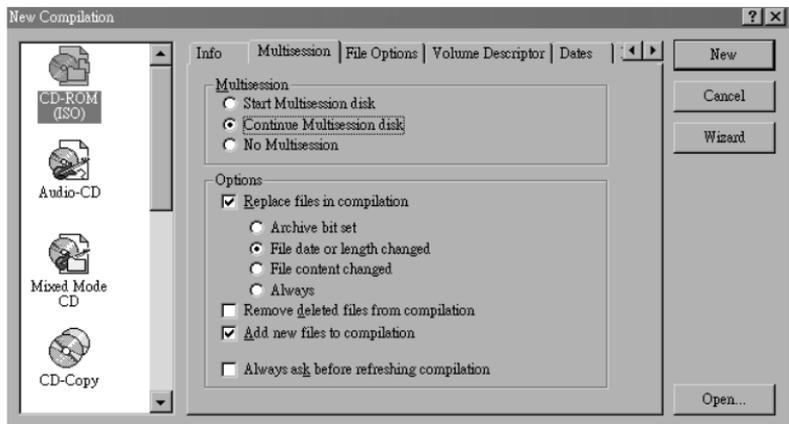
Making a Data CD

(Multisession)

1. Click *CD-ROM (ISO)* in the New Compilation window's left pane.
2. From the File option in the property sheet, select the desired properties and characteristics for the CD.
3. Recording the 1st session or the sessions after 2nd;
4. To begin recording the first session of a multi-session CD, click "*Start Multisession disk*".



To begin subsequent recording sessions, click "*Continue Multisession disk*"

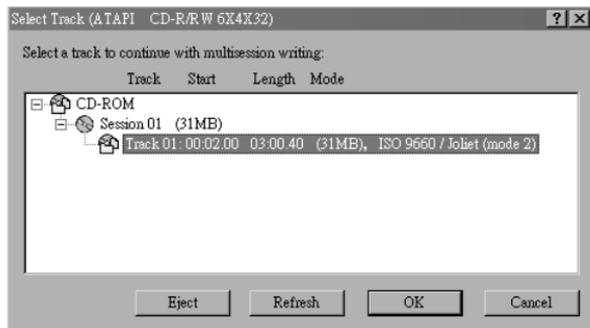


5. Click "New".

For writing the 1st session, the blank compilation window for the CD-ROM opens.

For subsequent writing sessions:

Select the track you want to continue with, then press "OK".



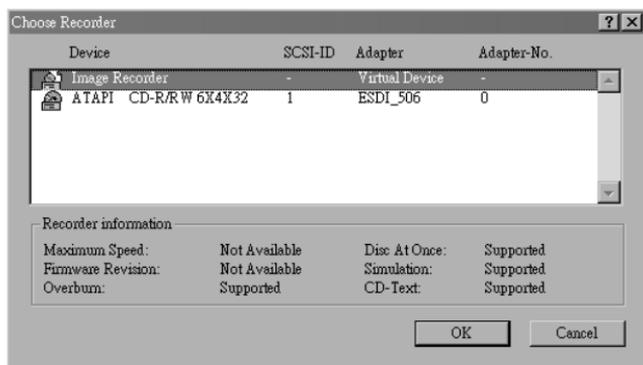
6. Use "*Drag&Drop*" to compile the files for the CD.
7. Click "*File/Save*" to save the compilation for later use. (If you don't want to save the compilation, ignore this step.)
8. Click "" to enter the write dialog box.
9. Set burn properties in the burn dialog. ("*Finalize CD*" must be disabled for the first writing session. Enable this option only on your last writing session, since no additional data can be written afterward.)
10. Check property settings. Make changes if necessary.
11. Click "*Write*" to begin writing. A status window is displayed in which the individual steps in the process are listed.
12. At the end of burning process, you will see a message such as "Burning process done successfully at 6X". Then the CD will be ejected.
13. Re-insert the CD and Click "" or "*CD-Recorder/CD-Info*" to see what was written onto the CD.

Making a CD from a Disc Image

Making an image file of a CD and placing the file on the hard disk drive before copying it onto another disc is the safest method of copying data from one disc to another.

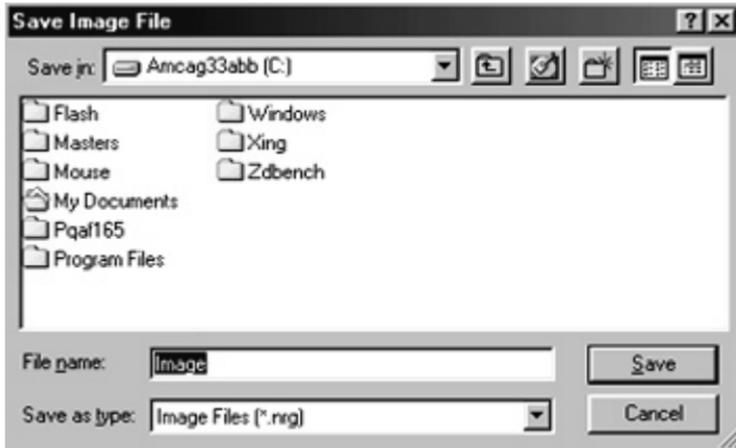
Making an Image File

1. Click "Cancel" on the right pane of New Compilation Window.
2. Click  or "CD-Recorder/Choose Recorder".
3. Choose "Image Recorder" then press "OK".



4. Click  or "File/New" to create a new compilation.

5. Click on the media format you want to create in the New Compilation window.
6. Use “Drag&Drop” to compile the files for the CD.
7. Click “File/Save” to save the compilation for later use. (If you don't want to save the compilation, ignore this step.)
8. Click “” to enter the write dialog box.
9. Set burn properties in the burn dialog. (When writing data to an image file, it is not necessary to enable “Determine maximum speed” and “Simulation”).
10. Check property settings. Make changes if necessary.
11. Click “Write” to begin writing.
12. Save your image file.



13. At the end of burning process, you will see a message such as "Burning process done successfully".

Writing the Image File

1. Choose "File/Burn Image".
2. Choose the image you want to burn into the CD and click "*Open*".
3. Choose "*Write*" in the burn dialog.

Continue as described in the previous sections.