How to Backup Audio CD with Nero Express and Print CD with Nero Cover Designer
By Bret A. Bennett

Revised 07/02/11, 11/22/10, 12/27/07

11/22/2010 Test Environment: An XP Pro SP3 "quest", running on VMware Workstation v7.1 on a Windows 7 32bit "host"
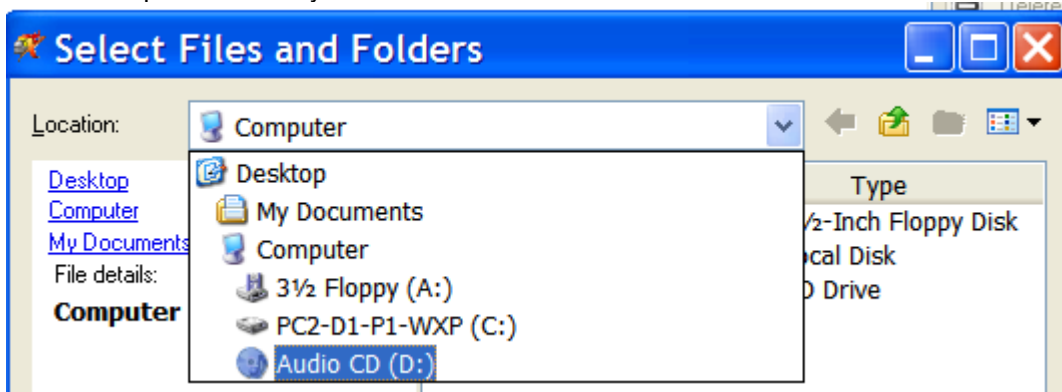
1. DO NOT use Roxio's "CD Label Creator". In the last three versions, it never displays the song titles correctly.
    a. BAB 11/22/2010: Perhaps the newer versions actually work: haven't tested them though.

2. DO NOT insert the retail audio CD before starting Nero.

3. Do use Nero Express v6 (I used v6.3.1.15) (Other versions may work but I did not test them).

    a. Open Nero Smart Start and start Nero Express, as follows:
        i. Hover your mouse over the music 1/8th note, then hover over Make Audio CD | On the left "Open with" will appear | select Nero Express and press the Green arrow :
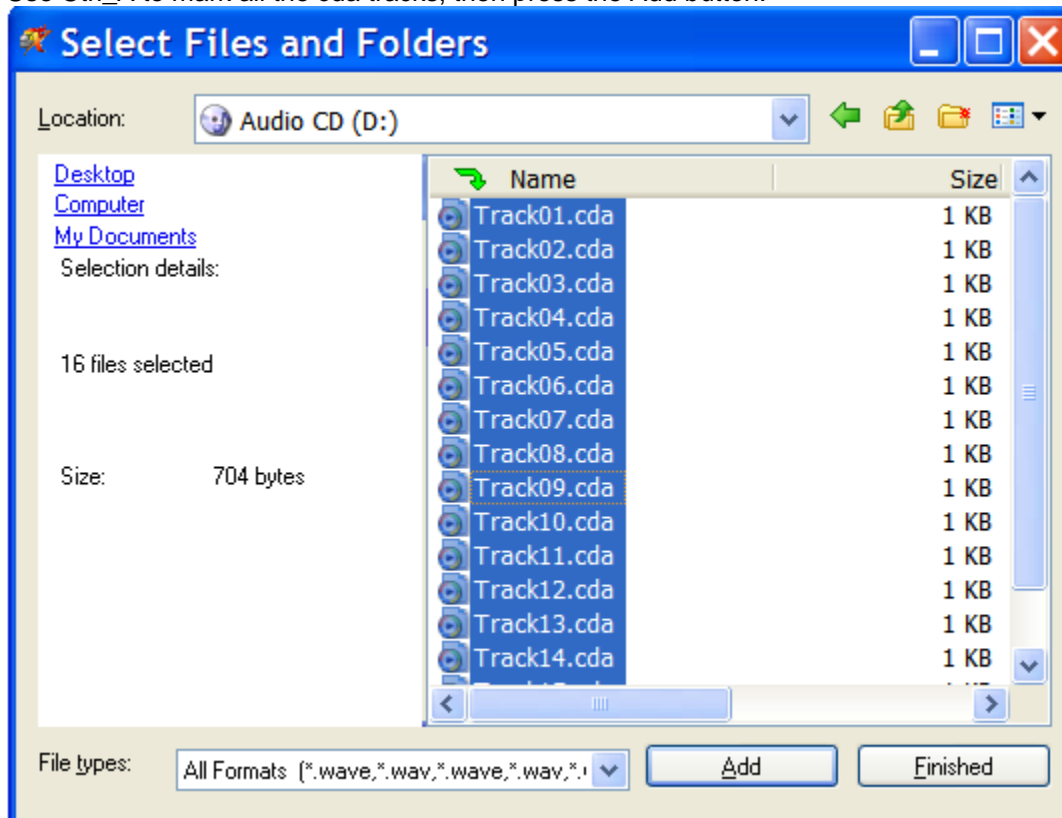
4. Insert the retail audio CD into your CD/DVD player.

5. Click the "Add" button which brings up the "Select Files and Folders" window.
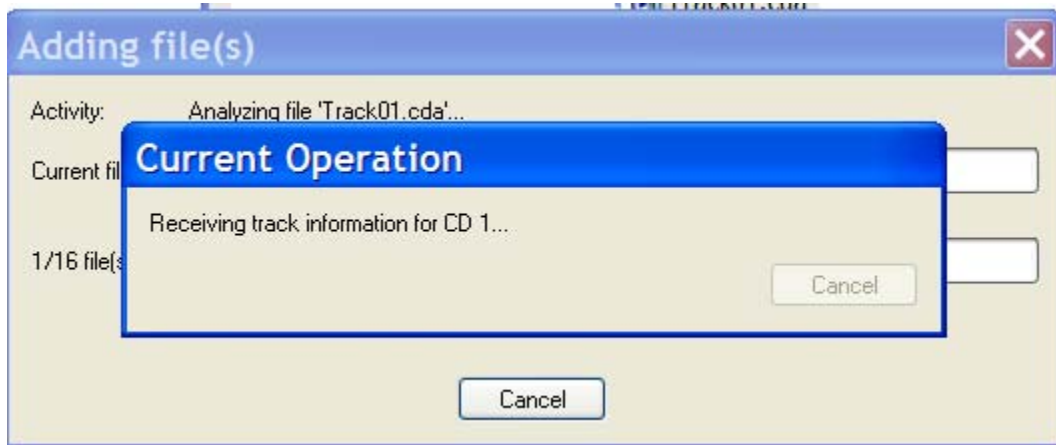

    a. Use the dropdown to find your CD drive.

    b. Use Ctrl_A to mark all the cda tracks, then press the Add button.

Press the Finish button when the cda files have been added.

i. You will then see either the Title and Track Length info automatically, or, if prompted to retrieve the internet data select Yes:

ii. Note that you can use the paid version called Nero Burning Rom, The only thing different is that you do not see the Add button that I mention below. In Nero Burning Rom, browse to the CD and select all cda's instead of using the Add button.

6. The "Nero's Titles and CD Database" window opens. Select the "Print CD Cover" button on the bottom left:

Nero's Title and CD Database

List of corresponding CD entries in the Nero CD database:

Artist	Title
John Lennon	Acoustic

🌐 : Internet database entry   📕 : Program database entry
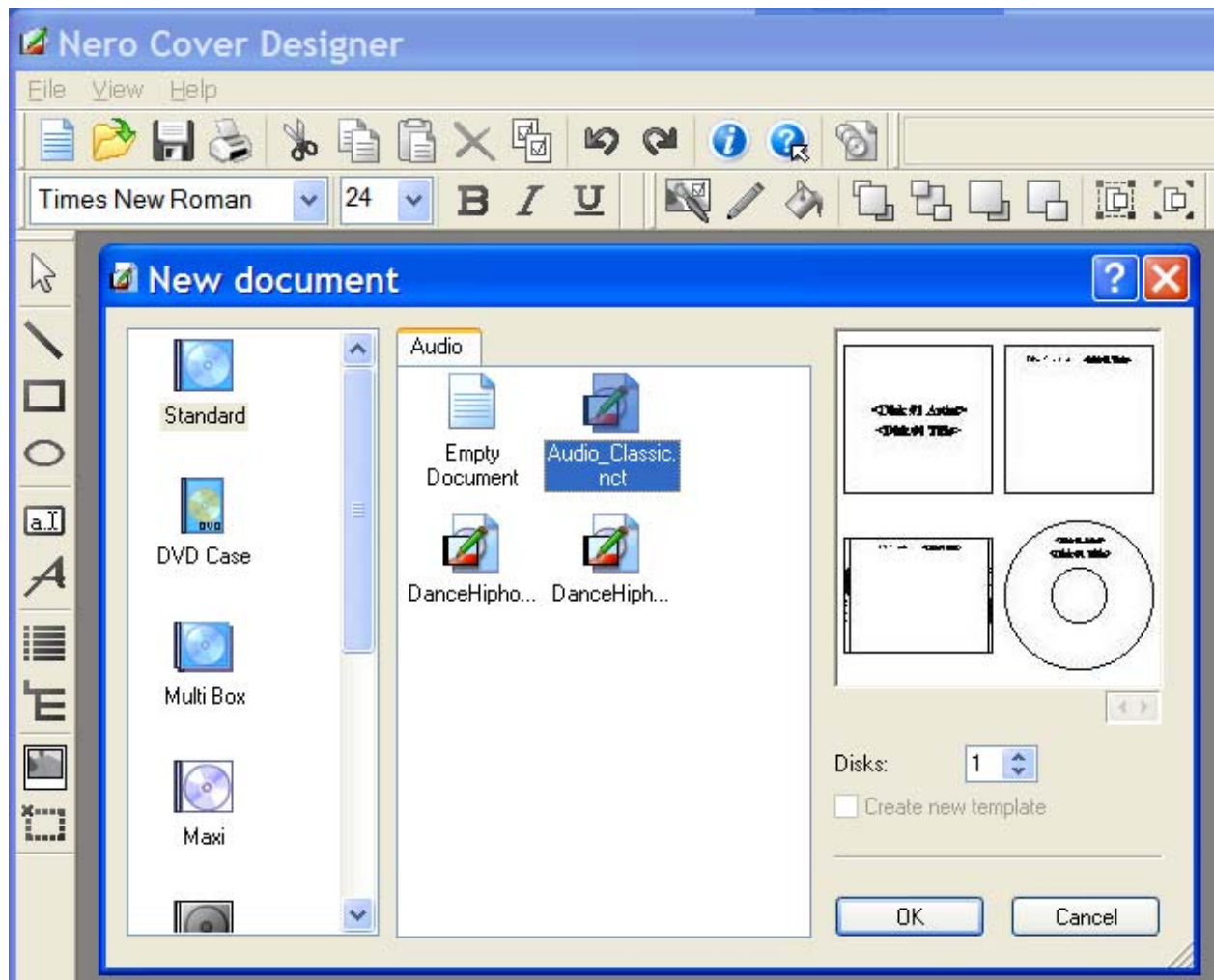
↖ : User defined entry   ↖ : User database entry

🖨 : Windows CD player entry

Tracklist of the currently selected CD:

Artist	Title
John Lennon	Working Class Hero
John Lennon	Love
John Lennon	Well Well Well
John Lennon	Look At Me
John Lennon	God
John Lennon	My Mummy's Dead
John Lennon	Cold Turkey
John Lennon	The Luck Of The Irish (Live)
John Lennon	John Sinclair (Live)

[Create a New CD Entry...]   [Edit CD Entry...]   [Access Internet Database]

[Print CD Cover]   [Cancel]   [Selected CD]

a. "Nero Cover Designer" opens with a "New Document" window. At this point, Nero assumes that you are printing a CD <u>case</u> cover. Don't worry about that now.
   i. On the "Audio" tab, select "Audio_Classic", then press "OK".
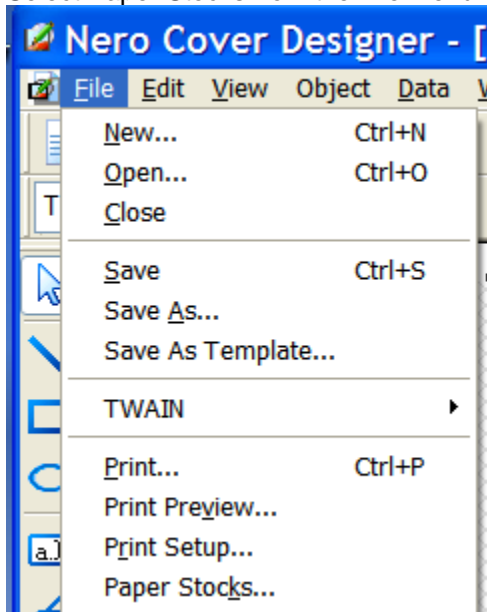
7. Add the Nero Cover Designer template "Tray B dvd119.dat" to Nero's "User Defined" paper stocks (<mark>you only ever need to do this once</mark>).
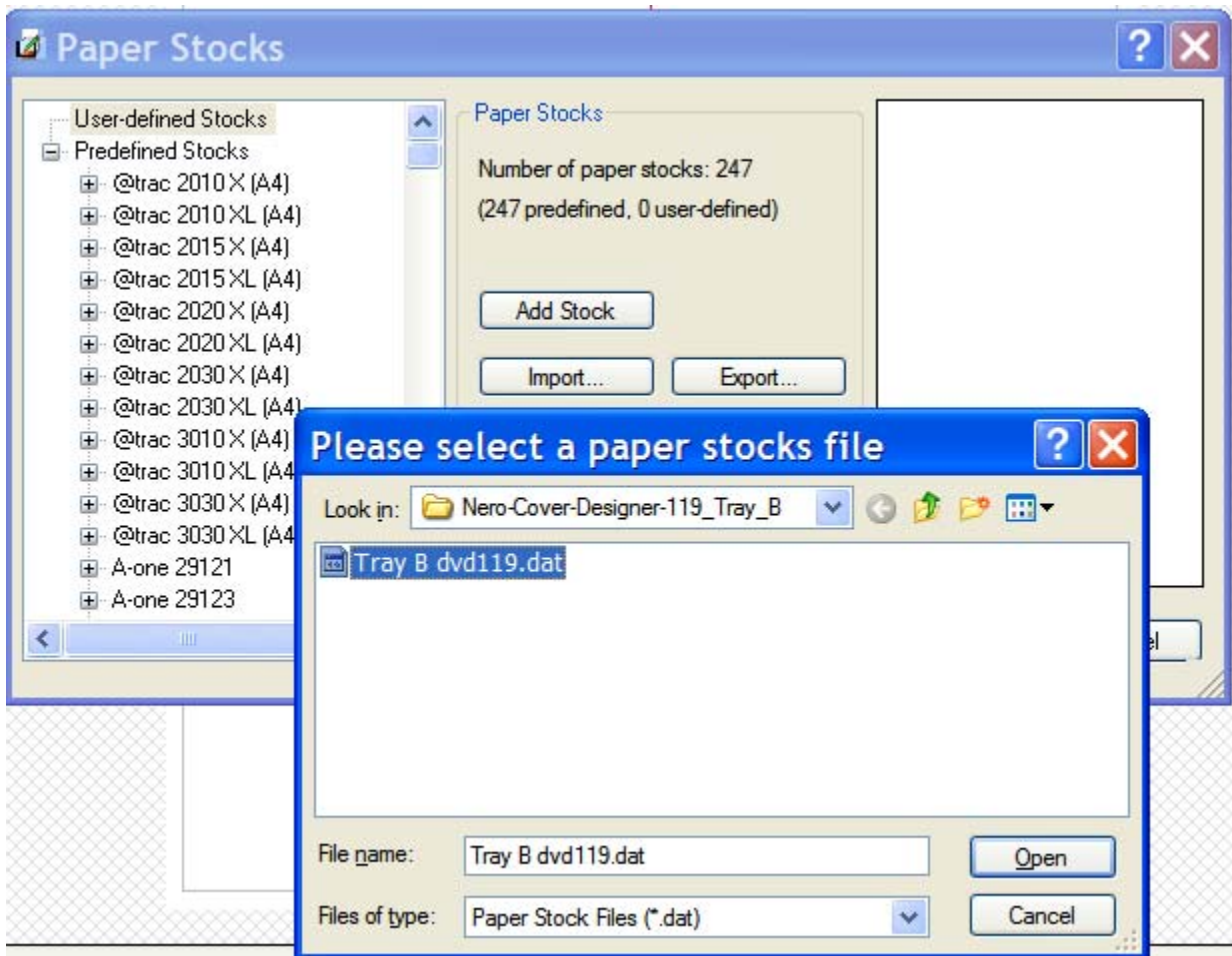Note: "Tray B dvd119.dat" is inside "Nero-Cover-Designer-119_Tray_B.zip" at http://www.mediafire.com/?sharekey=21b2da815773903fab1eab3e9fa335ca34f181f0e8b84e32 . Extract "Tray B dvd119.dat" somewhere convenient like the Desktop (you will only need it once).
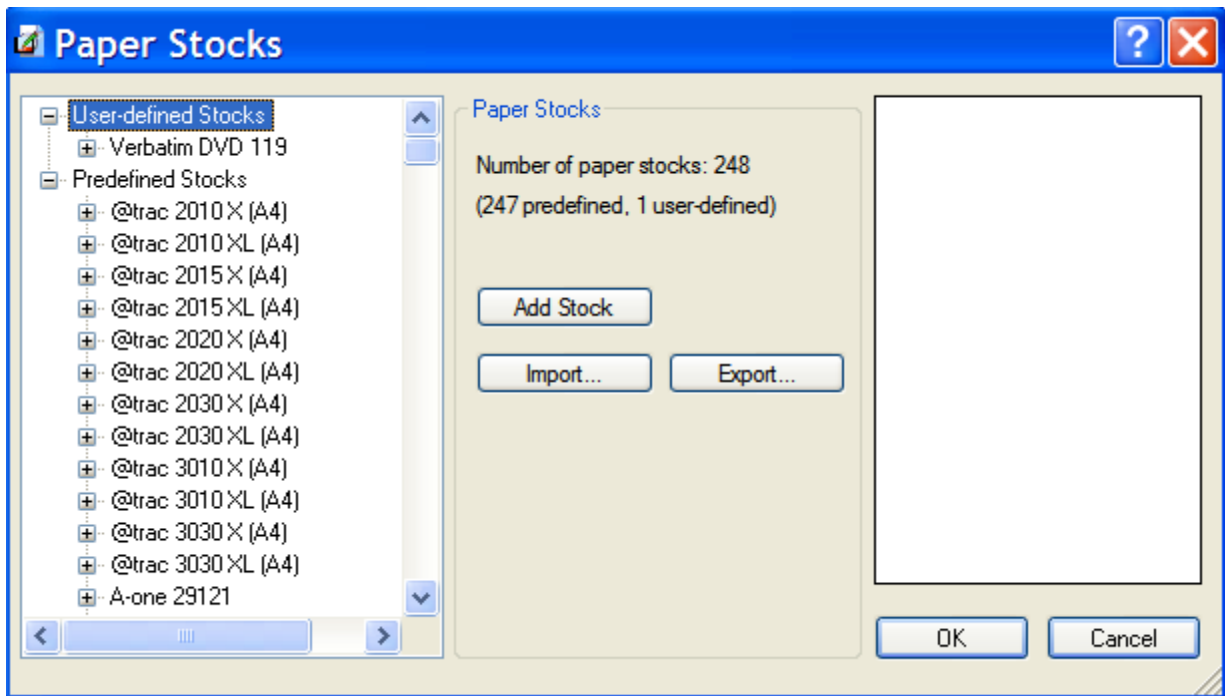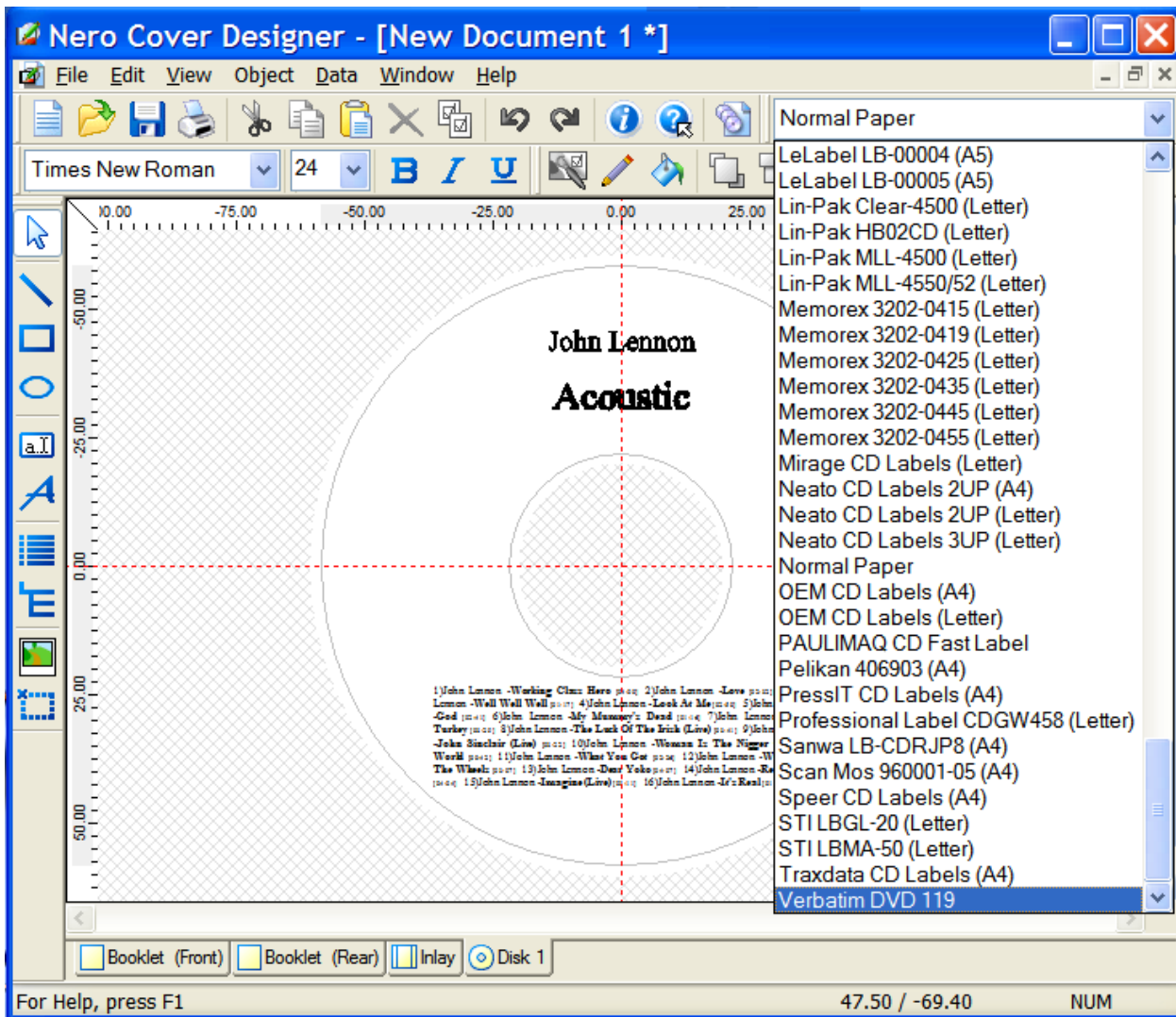
a. Select Paper Stocks from the File menu:

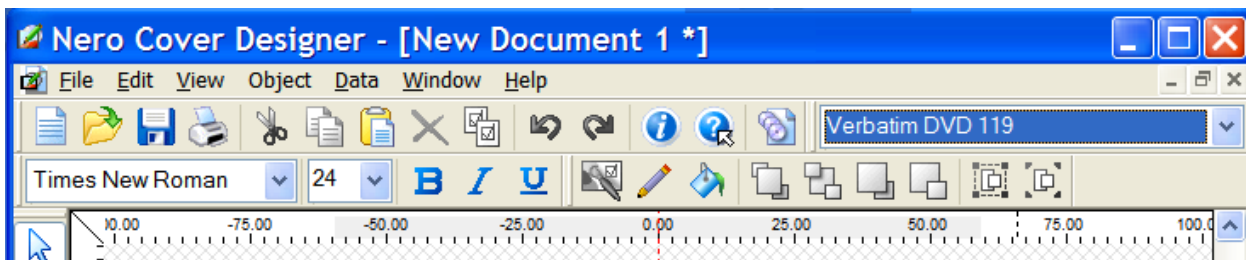b. Press the Import button then browse out to "Tray B dvd119.dat" and press the Open button:

c. You now have the Nero Cover Designer paper stock template for the type "B" tray installed. Press the OK button to continue.

Paper Stocks

- User-defined Stocks
  - Verbatim DVD 119
- Predefined Stocks
  - @trac 2010 X (A4)
  - @trac 2010 XL (A4)
  - @trac 2015 X (A4)
  - @trac 2015 XL (A4)
  - @trac 2020 X (A4)
  - @trac 2020 XL (A4)
  - @trac 2030 X (A4)
  - @trac 2030 XL (A4)
  - @trac 3010 X (A4)
  - @trac 3010 XL (A4)
  - @trac 3030 X (A4)
  - @trac 3030 XL (A4)
  - A-one 29121

Paper Stocks

Number of paper stocks: 248

(247 predefined, 1 user-defined)

Add Stock

Import...   Export...

OK   Cancel

8. Select the paper for the CD: First click the Disk 1 tab at the bottom, and then select "Verbatim DVD 119" in the drop down menu (that usually displays "Normal Paper") :
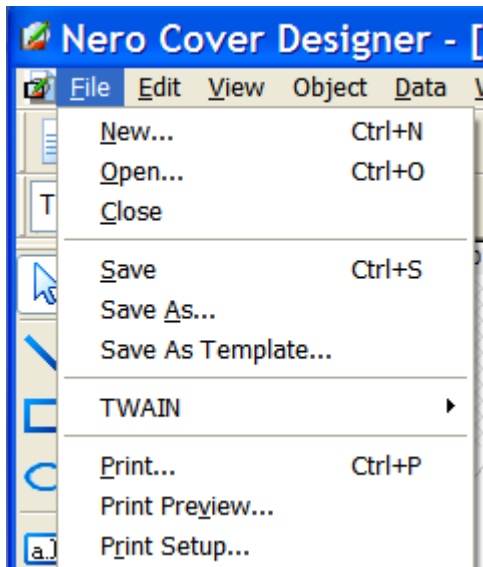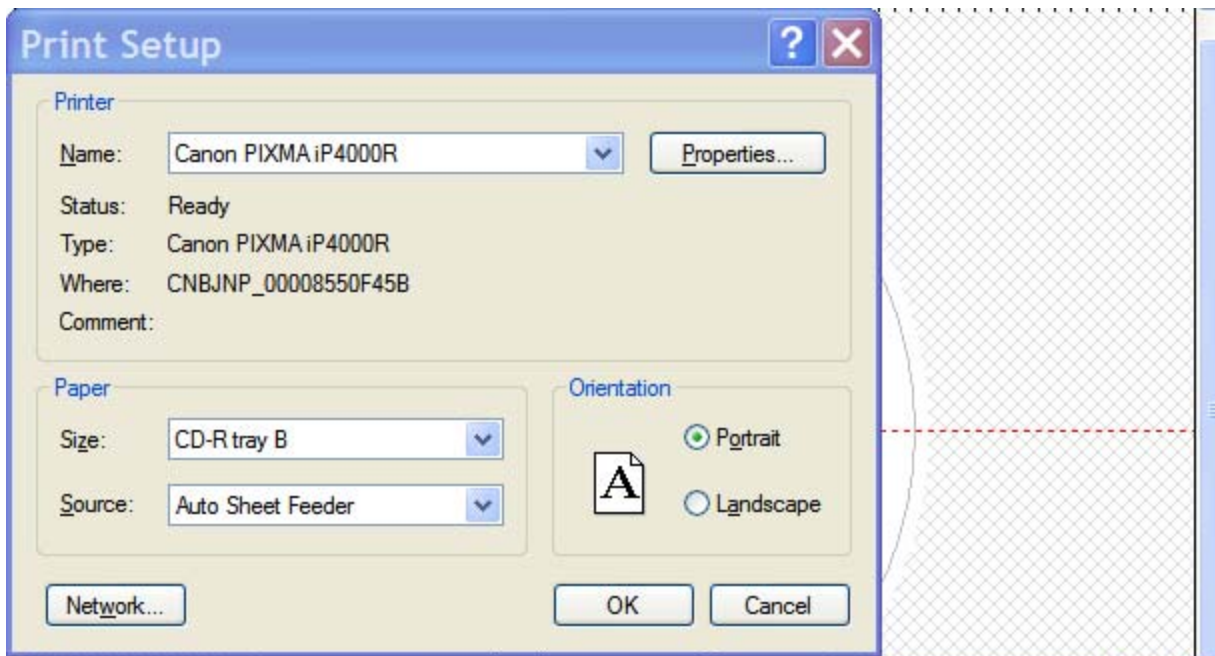
It will now look like this:

If you see the track information, but do not see the artist and title information, click Data on the Menu and complete the Subtitle and Artist/Publisher fields manually.
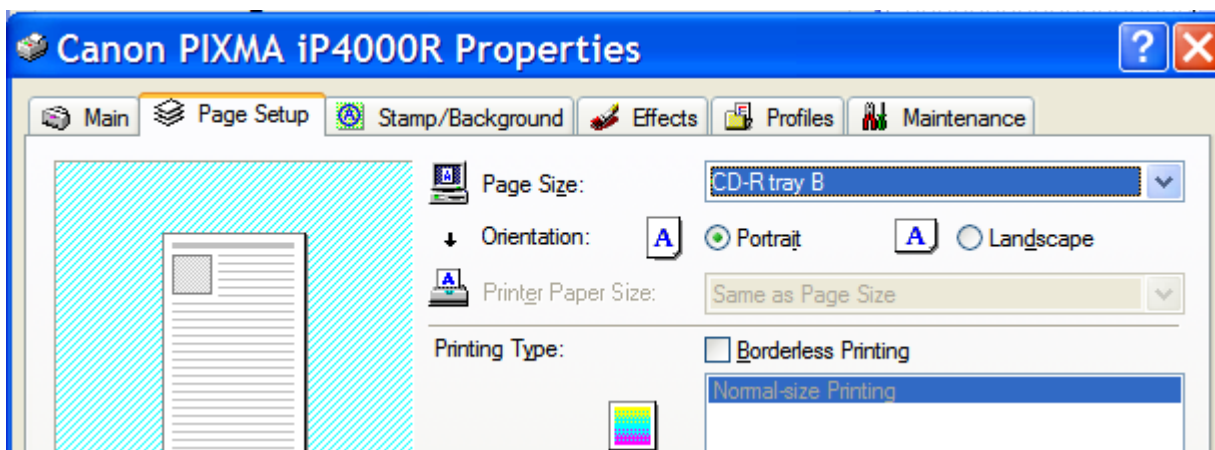
9. Setup the printer via File | Print Setup ::

You need to make selections on <u>both the "Main" and "Page Setup" tabs</u> of the iP400R's Properties button :

Print Setup

Printer
Name: Canon PIXMA iP4000R   Properties...
Status: Ready
Type: Canon PIXMA iP4000R
Where: CNBJNP_00008550F45B
Comment:

Paper
Size: CD-R tray B
Source: Auto Sheet Feeder

Orientation
● Portrait
○ Landscape

Network...   OK   Cancel

Canon PIXMA iP4000R Properties

Main | Page Setup | Stamp/Background | Effects | Profiles | Maintenance

Media Type: Printable disc (recommended)
Paper Source: Disc tray

Paper Allocation...

Print Quality:
○ High
● Standard
○ Draft
○ Custom   Set...

Color Adjustment:
● Auto
○ Manual   Set...

Color Printing
Printable disc (recomme...

☐ Grayscale Printing

and

Canon PIXMA iP4000R Properties

Main | Page Setup | Stamp/Background | Effects | Profiles | Maintenance

Page Size: CD-R tray B
Orientation: ● Portrait   ○ Landscape
Printer Paper Size: Same as Page Size

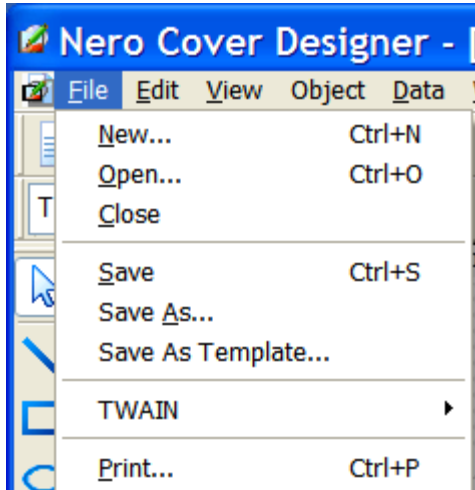Printing Type: ☐ Borderless Printing
Normal-size Printing

Click the OK button to exit the Canon Printer Properties window and click OK again to exit the Print Setup window.
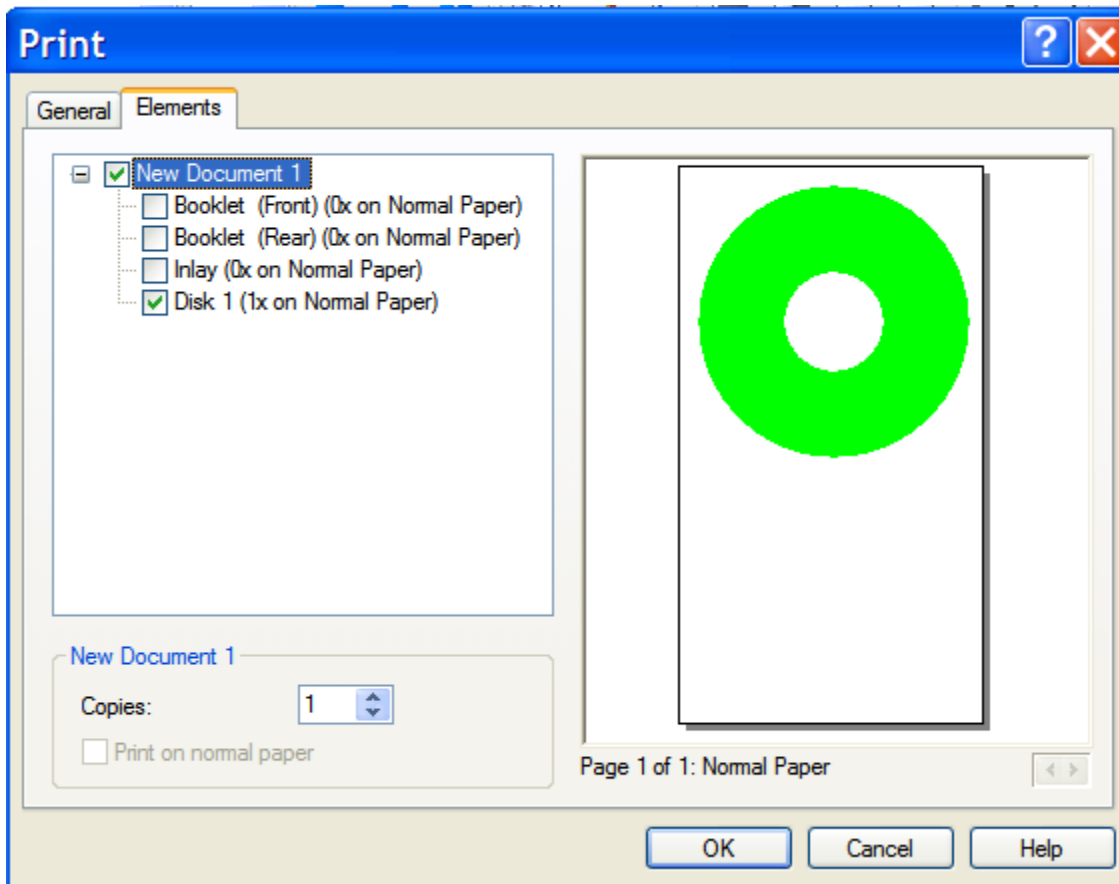
10. Insert the CD:
    a. Pull down the inside printer lid if you haven't done so already.
    b. Press the blank printable CD down onto the center spindle on the tray.
    c. Insert the tray into the iP4000R.
    d. Line up the arrow on the right hand side of the tray with the arrow on the inside printer lid (looking down on top will help you see it).
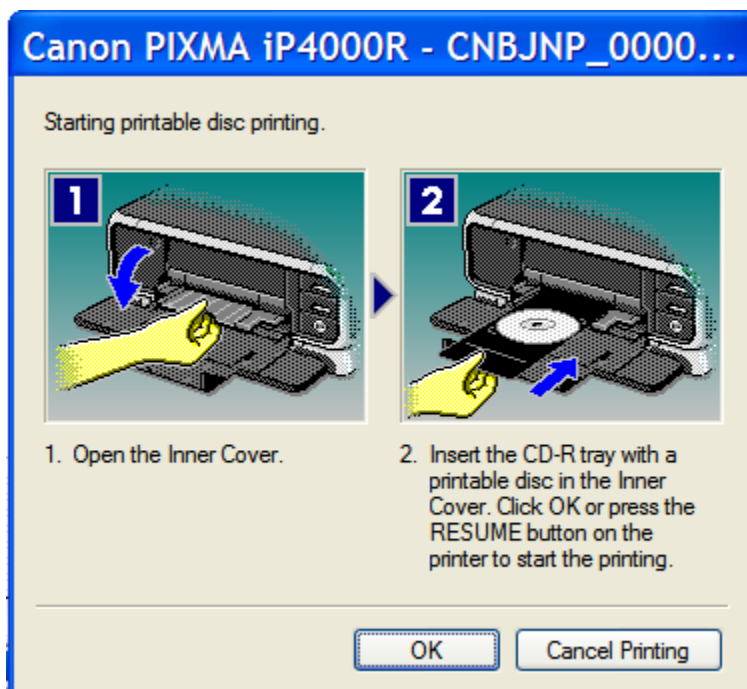
11. Now select Print in the File menu :

12. Select the Elements tab and uncheck all but Disk 1 and press the OK button :

Print

General | Elements

- ☑ New Document 1
  - ☐ Booklet (Front) (0x on Normal Paper)
  - ☐ Booklet (Rear) (0x on Normal Paper)
  - ☐ Inlay (0x on Normal Paper)
  - ☑ Disk 1 (1x on Normal Paper)

New Document 1

Copies: 1

☐ Print on normal paper

Page 1 of 1: Normal Paper

[OK] [Cancel] [Help]

13. Push the tray in gently until it stops when prompted. This time the tray's arrow will be about 1/2" more inward than the printer's arrow :

Canon PIXMA iP4000R - CNBJNP_0000...

Starting printable disc printing.

1 1. Open the Inner Cover.

2 2. Insert the CD-R tray with a printable disc in the Inner Cover. Click OK or press the RESUME button on the printer to start the printing.

[OK] [Cancel Printing]

14. **There you go ! A nice printed CD.**

15. My personal preference is <u>not</u> to use the XP virtual machine to actually burn the CD. Burning in the VM would bloat the VM's size with unnecessary temporary burn files.