

# OwlNet Photography



## Archiving Images

*By Gordon Norris MBCS MInstLM*

# CD/DVD Read Only Memory

- Cheap, as little as 8p per cdrom disk.
- Easy to use with software generally provided with the PC or laptop.
- Drag & Drop capabilities.
- Re-Writable disks available.
- Can be added to using multi-sessions.



# CD/DVD Rom Burning Software

- Commercial

- Basic burning software provided by Windows Vista & 7.
  - This is a limited application.
- Nero: By far the most popular.
- Roxio: Usually supplied with the PC or Laptop.
- Easy CD & DVD Burning.

- Freeware

- ImgBurn.
- Burn Aware Free.

*Note: Most freeware packages are limited version of COTS packages.*

# Disadvantages

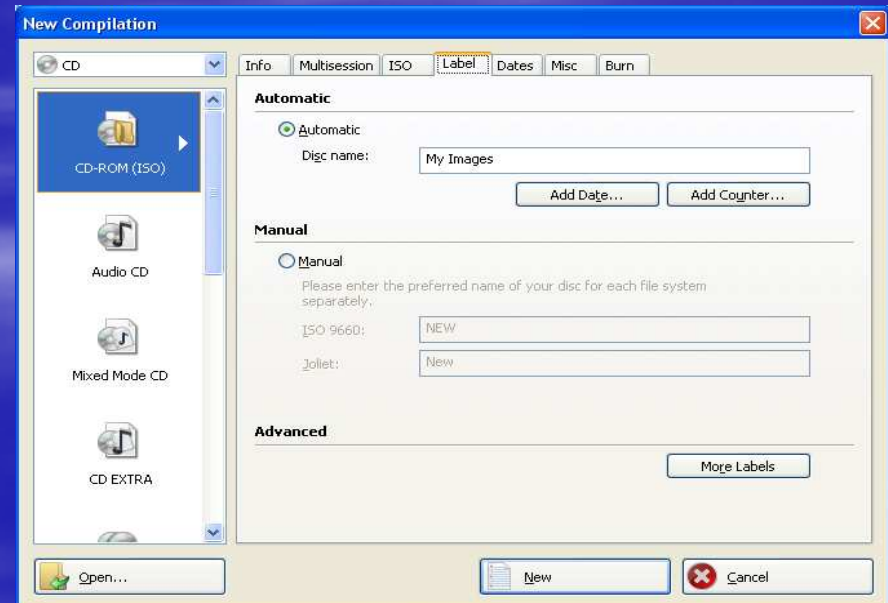
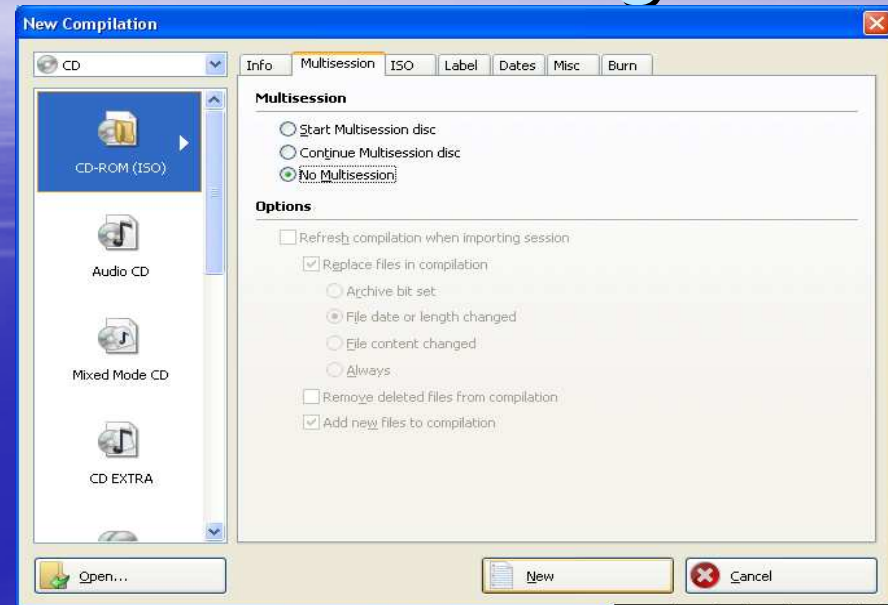
- Disk shelf life approximately 18 to 24 Months.
- Easily scratched.
- Limited storage space. (Relative to other storage methods)
- Requires additional application to burn disk.  
(unless using Windows Vista or 7)

# Burning with Windows Vista & 7

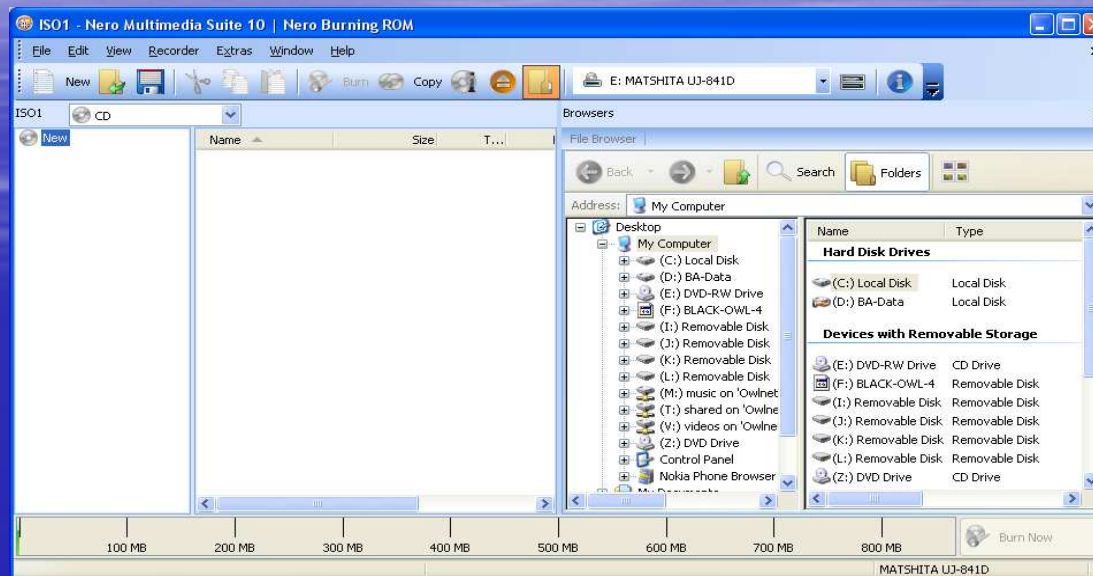
- Two modes:
  - Live File System.
  - Mastering.
- Drag & Drop application.
- Very basic application, requires COTS package for more complicated burns.

# Burning a CD Rom With Nero Burning Rom

- For a full CD.
  - Select CD-ROM(ISO).
  - Select No Multisession.
- Labelling
  - Select the Label tab.
  - Add you label.
- For Windows disks there is no need to change anything else.

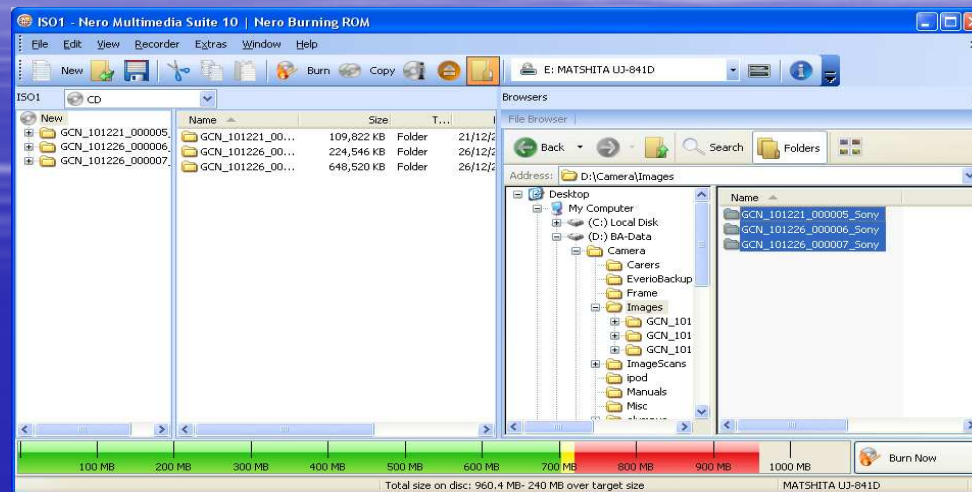


# Adding Files



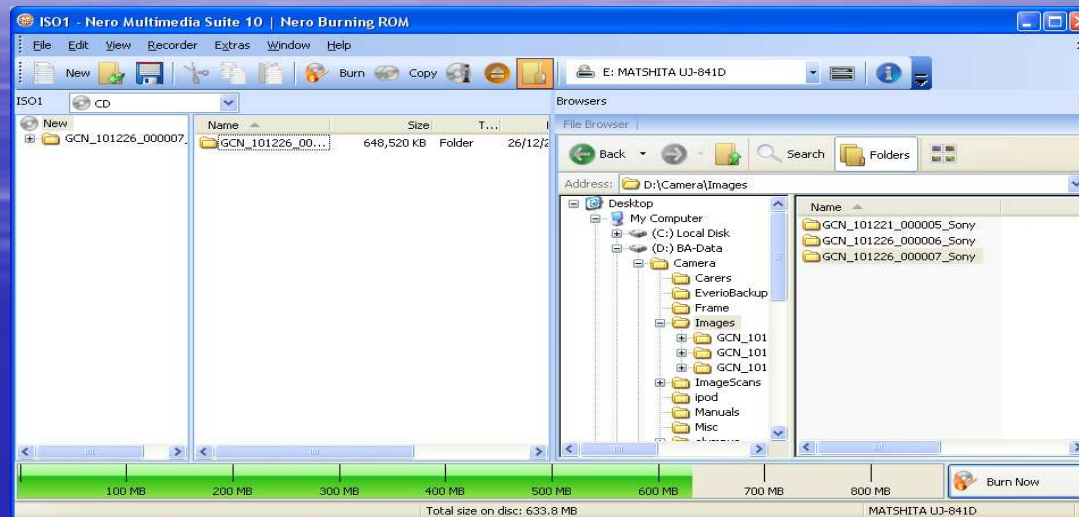
- The next screen gives you an Explorer style display.

# Too Many Files



- A CD Rom will only hold 700MB so if the total size of all you files is greater then Nero will show you.

# Keep in the Green



- Reduce the number of files so that you stay in the green.

# External Disk Boxes

- Extremely cheap relative to the amount of storage available.
- File 'Drag & Drop' using Windows Explorer.
- Archiving (Backup) Software available including Open Source.
- Can be interchanged between Windows, Mac & Linux.



# Disk Types

- Laptop Disks (2.5")
  - Small, light and easy to carry around and store.
  - Currently > 1TB available.
- PC Disks (3.5")
  - Suitable for the desktop.
  - Currently > 2TB available.
  - Cheaper than laptop disks.
- SATA & PATA (ide) disks available.

# Types of Box

- PATA & SATA.
- Single 2.5" boxes.
  - Takes laptop Disks.
- Single & Double 3.5" boxes.
  - Takes PC Disks
- NAS (Network Area Storage).  
(Can be attached to Broadband Router)
  - Multiple PC Disks.



# My Internet World

- **Internet Presence:**

- Blog: <http://www.owlnet-org.blogspot.com/>

- Flickr: [http://www.flickr.com/photos/owlnet\\_images/](http://www.flickr.com/photos/owlnet_images/)

- Email: [gordon.norris@owlnet.org.uk](mailto:gordon.norris@owlnet.org.uk)  
[gordon.c.norris@gmail.com](mailto:gordon.c.norris@gmail.com)