



Southern Maryland
Mac User Group

20058-D Point Lookout Road
Great Mills, Maryland 20634
Meetings second

Monday of the month from 7pm to 9pm
at the SMARTCO warehouse.

August 2004

Welcome to our first Anniversary party. Some might have thought we wouldn't make it, but here we are ☺ I want to thank all of you for your support over the year and encourage you keep bringing your questions, suggestions and your laughter to the group each month. Yes laughter is a big part of what goes on here, not only because it makes us all feel good but because it helps us all grow and become better Mac users who can help each other as well as those who don't (or can't) make it here each month.

My hope for the coming year is to see us grow even more, and hopefully during the process I'll actually learn how to put together a nicer looking newsletter hehehe. Still the content of each newsletter is filled with articles Doug and I have found informative and hopefully useful to others This is your newsletter and you have the right to see articles added that maybe we've missed, so I encourage you to send in material. If I don't know what you are interested in most, I can't add it. No suggestion is too small or insignificant so please send me your input.

We know that next month will hopefully bring us a new and improved iMac, at least that's what they've promised would be out in September. But this month also has some new things we could all use or are probably interested in. The Pioneer DVR-107 is something we've talked about in the past and in this newsletter you'll find out how to improve that model. But if you haven't gotten a DVR yet, wait a few more days to see the Pioneer DVR-108 !! It should be available this week at Other World Computing

(<http://eshop.macsales.com/>) and is the one to get! ☺



<http://eshop.macsales.com/Reviews/Framework.cfm?page=/Tips/pioneerflash/pioneerflash.html>

<http://eshop.macsales.com/Service/index.cfm?page=contact.html>

Hacking the Pioneer DVR-107 to burn low-cost 4x DVDs at 8x (and other cool things!)

by *Jamie Dresser* jdresser@macsales.com

http://eshop.macsales.com/Catalog_Page.cfm?Parent=457&Title=DVD&Template

http://eshop.macsales.com/Catalog_Item.cfm?ID=6102&Item=OWCDVDR4XNP50

<http://www.macetvideo.com/>

http://eshop.macsales.com/Catalog_Page.cfm?Parent=457&Title=DVD&Template

http://homepage.mac.com/jibee/macetvideo/PIONEER_DVR-107.sit

http://eshop.macsales.com/Catalog_Page.cfm?Parent=457&Title=DVD&Template

NOTE:

ANOTHER NOTE:

This firmware patch allows you to:

- **Burn 4x Media at 8x!**

http://eshop.macsales.com/Catalog_Page.cfm?Parent=457&Title=DVD&Template

http://eshop.macsales.com/Catalog_Item.cfm?ID=6102&Item=OWCDVDR4XNP50

- **Upgrade DVD read speed from 8x to 12x!**

- **Read DVDs from all regions of the world (region-free).**

So how hard is to install this firmware update?

-

DISCLAIMER:

OWN RISK.

USE AT YOUR

http://homepage.mac.com/jibee/macetvideo/PIONEER_DVR-107.sit the software from MacTevideo (also available from **MacUpdate**, <http://macupdate.com/info.php/id/15031> but you have to go through the French page, it's at the bottom. Here's a **translated version**

[http://translate.google.com/translate?hl=en&sl=fr&u=http://www.macetvideo.com/flashpioneerosx/flashpioneerosx.html&prev=/search%3Fq%3Dhttp://www.macetvideo.com/flashpioneerosx/flashpioneerosx.html%26num%3D20%26hl%3Den%26lr%3D%26ie%3DUTF-](http://translate.google.com/translate?hl=en&sl=fr&u=http://www.macetvideo.com/flashpioneerosx/flashpioneerosx.html&prev=/search%3Fq%3Dhttp://www.macetvideo.com/flashpioneerosx/flashpioneerosx.html%26num%3D20%26hl%3Den%26lr%3D%26ie%3DUTF-8%26newwindow%3D1%26safe%3Doff%26sa%3DG)

[8%26newwindow%3D1%26safe%3Doff%26sa%3DG](http://translate.google.com/translate?hl=en&sl=fr&u=http://www.macetvideo.com/flashpioneerosx/flashpioneerosx.html&prev=/search%3Fq%3Dhttp://www.macetvideo.com/flashpioneerosx/flashpioneerosx.html%26num%3D20%26hl%3Den%26lr%3D%26ie%3DUTF-8%26newwindow%3D1%26safe%3Doff%26sa%3DG) from Google (well, kind of translated... you'll understand what I mean if you read it).

Double click on the Pioneer DVR-107

http://eshop.macsales.com/Catalog_Page.cfm?Parent=457&Title=DVD&Template **Updater file in the downloaded folder. A shell script will run, and you'll see this in the Terminal session it opens:**

Kit version 1.2

This will update your PIONEER DVR-107 DVD drive firmware

Please choose the firmware you want for your drive:

- 0 - Quit without modifying the firmware.
- 1 - Unofficial 1.13 firmware, region free, 12x Rip + nx4all.
(patched by >NIL:)
- 2 - Official 1.15 firmware, region locked.

Your choice : 1

Your drive will now be updated.

Please do NOT interrupt this process in any way.

Please ignore any message like this one:

Unlock - Reset (Sense: 05 24 00)

Downgrade activation reported an error.

Press RETURN to continue

Press Return.

DVRFlash v1.3 : Pioneer DVR firmware flasher
Coded by Agent Smith in the year 2003/4 with a little help from >NIL:

DISCLAIMER

THIS PROGRAM IS PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND,
EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF
MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT.
IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT,
OR CONSEQUENTIAL DAMAGES OR FOR THE LOSS OF DATA OR PROFITS.

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Press "y" to continue, "n" to abort, "q" to quit.

Press "y"

y

Commandline:

```
./DVRFlash -f PIONEER DVD?RW DVR-107 R7100007.113 R7100107.113
```

Drive Information:

```
Description   - PIONEER DVD-RW  DVR-107D  
Firmware Rev. - 1.05  
Firmware Date - 03/12/26  
Manufacturer  - PIONEER
```

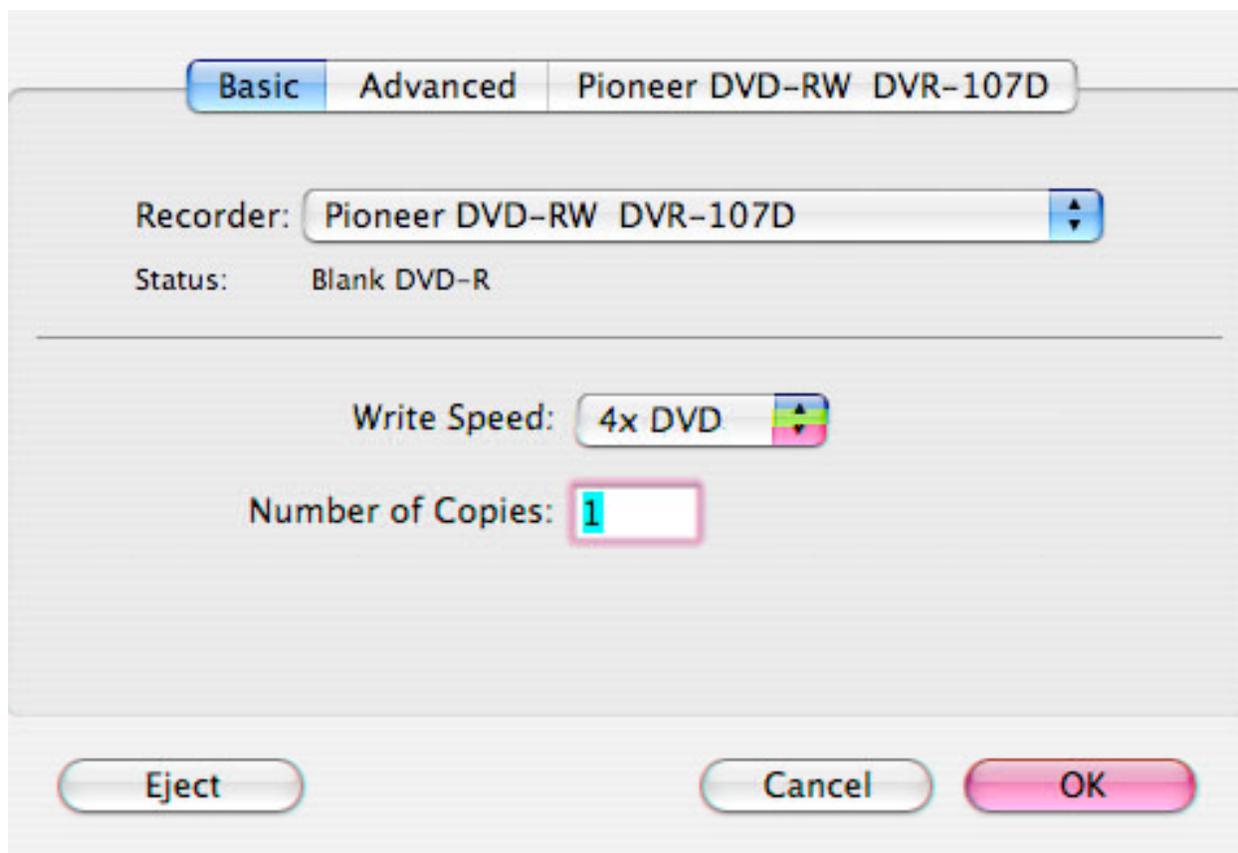
Drive is in normal mode.

Are you sure you want to flash this drive (y/n)?

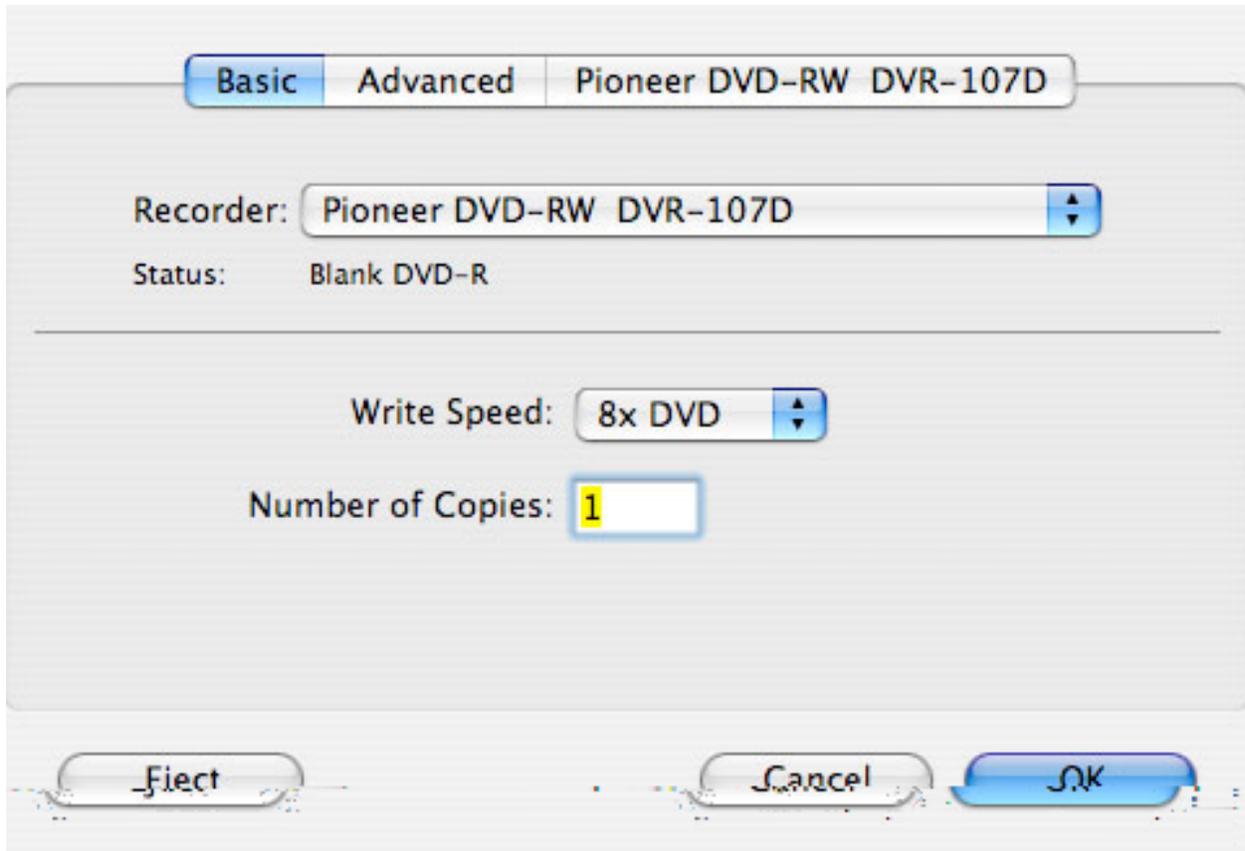
Press "y"

Restart!

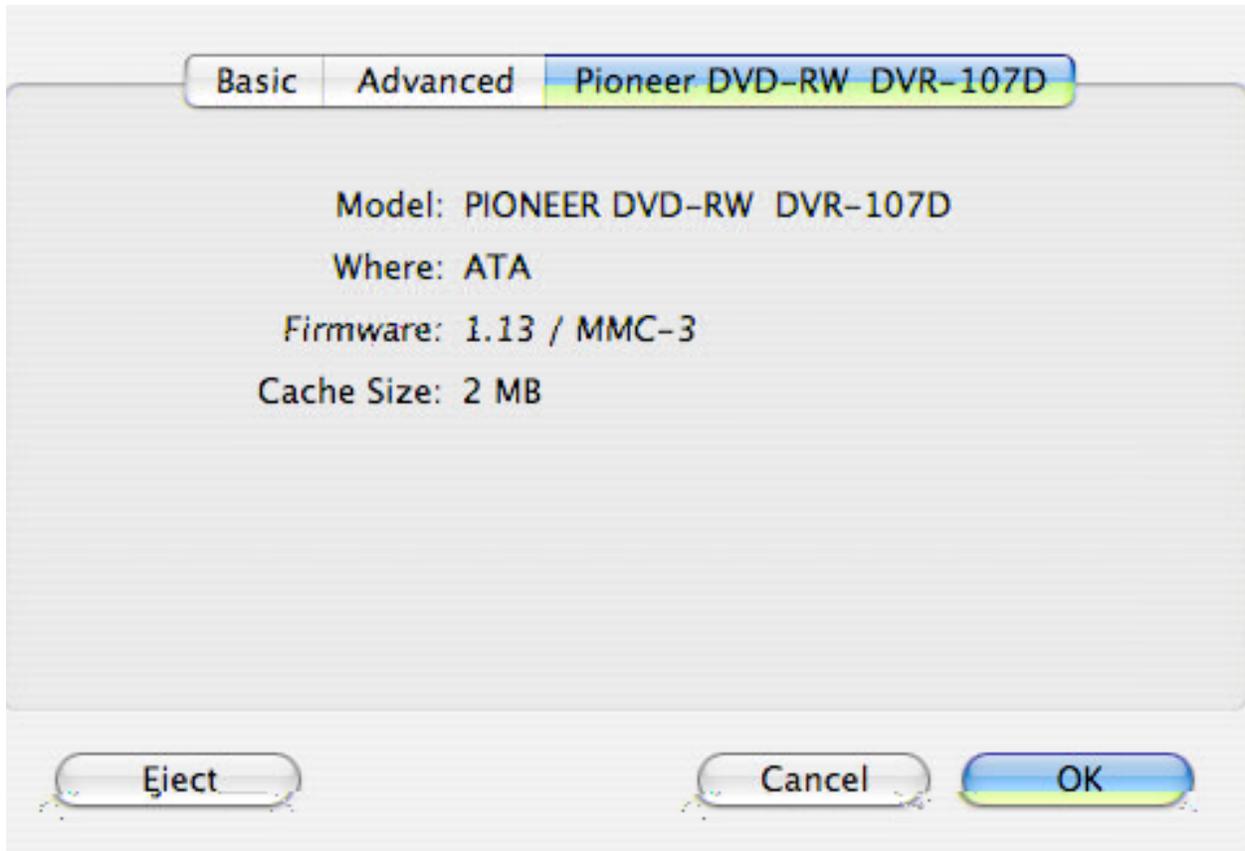
Upon restart, open Toast.



Before:



And after, with the same media.



And finally, in the info box about the drive mechanism, you can see the hacked Pioneer firmware being used.

http://eshop.macsales.com/Catalog_Page.cfm?Parent=457&Title=DVD&Template

Note:

We have done the above and it does seem to really work!!

Thursday - July 15, 2004
New iMacs 'will be G5'

By Jonny Evans



Apple's forthcoming new iMac will be based on a G5 processor, the company revealed last night.

Speaking to analysts, chief financial officer Peter Oppenheimer confirmed the new iMac - scheduled to ship in September - will be based on a G5. He added that the delay in shipping the new Mac has been caused by supply problems of the processor, which is manufactured by IBM in New York.

"We normally don't talk about unannounced products but we feel you need to know about the current situation. The new iMac will be based on a G5 processor. We could not secure the necessary supply of G5 processors to launch the new iMac on schedule. We now plan to announce and ship it in September."

He described Apple as "extremely unhappy" at these events.

"IBM's supply issues are the industry's supply issues", he said, adding that the move to new 90-nanometre chip manufacture has not been as smooth as expected. "IBM has made progress in sorting out those issues," he said.

"This resulted in a mass loss of our wafer supply and lower than anticipated yields", he said.

"IBM has placed enormous resources on solving this problem, and based upon what they have told us we expect these problems to be behind us by fiscal Q1 2005," he promised.

He added: "Our Power Mac G5 shipments were constrained in the quarter by a manufacturing problem at IBM that caused significant delay in shipping those processors."

These problems will "impact on the September quarter as well," he said, warning of anticipated shortages in dual 1.8-GHz and dual 2.0GHz Power Mac G5s, but promising that this would improve in August.

"We expect to have shortages of our high-end dual 2.5GHz Power Mac G5s throughout the next quarter", he said.