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Subject: Working with a Digi 002 & Macbook  
Posted by [Deej \[4\]](#) on Wed, 17 Jan 2007 06:19:20 GMT  
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I've been helping a guy set up a studio today around an 002. He's interfacing it with a Macbook with a core duo CPU. this is a very cool laptop, but I was surprised at how much the buffers needed to be bumped just to play back small projects. The Mac was choking on 12 track counts with very few plugins at 512k buffers. Bumping the buffers to 1024k cleared things right up. I was certainly expecting more from this. OTOH, the Digi 002 did sound very good. This guy is a drop dead incredible musician so maybe that had something to do with it.

;o)

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Subject: Re: Working with a Digi 002 & Macbook  
Posted by [Deej \[4\]](#) on Wed, 17 Jan 2007 06:19:59 GMT  
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BTW, the Macbook was running a 2G Intel coreduo.

"DJ" <[www.aarrrrggghhh!!!.com](http://www.aarrrrggghhh!!!.com)> wrote in message news:45adc042\$1@linux...  
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Subject: Re: Working with a Digi 002 & Macbook  
Posted by [Deej \[4\]](#) on Wed, 17 Jan 2007 07:07:26 GMT  
[View Forum Message](#) <> [Reply to Message](#)

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Hey LaMont,

Thanks for the heads up about this. I had a feeling it might be theFW bus. Same thing happens wih the onboard FW bus of some PC's. It just doesn't stack up to a dedicated PCI FW card. Info much appreciated. I've gotta' agree with you about the sound of Pro Tools. It's come a very long way. I've been invited to sit in on some mix sessions at Ed Stasioms studio and assist

with whatever I can contribute (I'll probably just sit there with my jaw on the floor) and I'm really looking forward to it. I talked to him today for quite a while. He's running an HD system of some sort and getting ready to upgrade to the latest greatest. He's a certified PT instructor so even though I don't use the system, I'm likely to get quite a bit of knowledge about it. It should be fun. I must say that this 002 system didn't sound anything at all like the old Mix systems. The mixer surface is pretty snazzy as well.

;o)

"LaMOnT" <jjdpro@ameritech.net> wrote in message news:45adc803\$1@linux...

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Subject: Re: Working with a Digi 002 & Macbook  
Posted by [LaMont](#) on Wed, 17 Jan 2007 07:53:55 GMT  
[View Forum Message](#) <> [Reply to Message](#)

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Subject: Re: Working with a Digi 002 & Macbook  
Posted by [LaMont](#) on Wed, 17 Jan 2007 08:44:39 GMT  
[View Forum Message](#) <> [Reply to Message](#)

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No Problem..

DJ.. These days my work flow is such..

-Record, edit in Nuendo.

-Use Tapeit-2 plugin(<http://www.silverspike.com/?Products:Tapelt> realtime bounces for stem mixing )

-Then open up PT..Import stems, Mix..

Dj, can you hear a difference in PT vs Cuabse?

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Subject: Re: Working with a Digi 002 & Macbook  
Posted by [John Macy](#) on Wed, 17 Jan 2007 17:05:18 GMT  
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I am assumming the same with the IMac? I am looking at leasing a space that has 2 control rooms, and was thinking about the new 24" IMac with a Black Lioned 002R for the smaller room, but it would need some power...

"LaMont" <jjdpro@ameritech.net> wrote:

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Subject: Re: Working with a Digi 002 & Macbook  
Posted by [LaMont](#) on Wed, 17 Jan 2007 19:06:13 GMT  
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Hey John,  
I would not get an IMac for Studio productions.. Same slow(er) PCI thru-put as their laptops. Since there's no way to install a internal Firewire interface card, you are stuck with the on-board firewire.(Major no no) in Mac land..

Pony up for the MacPro Tower for music/studio production. It's a different animal.



Now, you (hot) receptionist can get by with a nice iMac..

"John Macy" <spamlessjohn@johnmacy.com> wrote:

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Subject: Re: Working with a Digi 002 & Macbook  
Posted by [Deej \[4\]](#) on Wed, 17 Jan 2007 19:35:49 GMT  
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Oops.....he's using a Macbook, not a Macbook pro so no PCMCIA slot is available. bummer! any other suggestions? Alos, he's trying to integrate a Mackie Onyx mixer with this system via FW and can't get PTLE configured to use the Onyx inputs and the Digi mixer interface outputs. I thought Macs could do this kind of stuff as far as seeing multiple audio drivers. any suggestions about this or do I need to trudge over into Mordor and post this to the Digi User's Forum?

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Thanks for your help, BTW.

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Subject: Re: Working with a Digi 002 & Macbook  
Posted by [rick](#) on Wed, 17 Jan 2007 20:02:48 GMT  
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when's the last time he flashed the pram, nvram deleted preferences, repaired permissions? macs aren't always happy with multiple fw devices connected to them. unfortunately his options of the PCMCIA or fw cards does limit his options.

as to multiple devices you will have to set that up as an aggregate device in the audiomidi setup.

On Wed, 17 Jan 2007 12:35:49 -0700, "DJ" <[www.aarrrrggghh!!!.com](mailto:www.aarrrrggghh!!!.com)> wrote:

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Subject: Re: Working with a Digi 002 & Macbook  
Posted by [Deej \[4\]](#) on Wed, 17 Jan 2007 20:11:14 GMT  
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So it's impossible for a Mac laptop without all of the goodies that the "pro" version would have to just sorta' suck an not be up to the task? Somehow methinks it entirely possible that theres a performance tradeoff happening with these budget machines. It's always been that way with any other product. You pay to play. Welcome to the world of cheap Macs. Yeah, they're cheap, but .yeah they are compromised.....let's just don't advertize it.we'll let the users fdo that once we've got their \$\$\$.

Same as it ever was.

;o)

"James McCloskey" <excelsm@hotmail.com> wrote in message  
news:45ae7baf\$1@linux...

>

> I don't know what's going on with the MacBook, it should work. I would  
> check

> the PT site. As far as FW being a problem on Macs, I would disagree with  
> that. Obviously there is some latency with FW in general.

>

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Subject: Re: Working with a Digi 002 & Macbook  
Posted by [Deej \[4\]](#) on Wed, 17 Jan 2007 20:15:19 GMT

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Well.it's only a couple of months old. I doubt he's done any of these things  
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possible answer to his dilemma. I'll get back to you.

;o)

"rick" <parnell68@hotmail.com> wrote in message  
news:9pvsq29ufd0nrh6egsrm8v7cuklsnvsegi@4ax.com...

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Subject: Re: Working with a Digi 002 & Macbook  
Posted by [excelav](#) on Wed, 17 Jan 2007 20:40:31 GMT  
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I don't know what's going on with the MacBook, it should work. I would check the PT site. As far as FW being a problem on Macs, I would disagree with that. Obviously there is some latency with FW in general.

"DJ" <www.aarrrrggghhh!!!.com> wrote:  
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Subject: Re: Working with a Digi 002 & Macbook  
Posted by [Larry Upton](#) on Wed, 17 Jan 2007 20:43:54 GMT  
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DJ, Et al:

PTLE will only recognize a Digi audio interface - If your friend is trying to use the Digi 002 via FW PLUS the Onyx via FW, that is doomed to failure. No OSX aggregate audio device action will make it work.

Your friend must use any additional audio I/O via the optical ports on the 002, or the SPDIF port.

Digi's rules, not Mac/OSX related. I know this because we have a 002 system in our radio station multitrack studio, on a dual proc G5, and I have been selected as its' administrator. (Sorry, no other Mac/OSX wisdom available, 'cuz I just started working with the system...)

Larry Upton  
KPBS TV/FM  
San Diego

(where the temperature at night is in the freezing range right now, also...)

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Subject: Re: Working with a Digi 002 & Macbook  
Posted by [dc\[3\]](#) on Wed, 17 Jan 2007 21:04:07 GMT  
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It looks like the Macbook has no express card slot. All you have to work with is the FW port and USB (yipes!) If there are FW issues, there may be a tech paper on it.

Start here:

[http://search.info.apple.com/?search=Go&lr=lang\\_en&k word=&type=&newstype=&q=firewire](http://search.info.apple.com/?search=Go&lr=lang_en&k word=&type=&newstype=&q=firewire)

The MacBook pro has an express card slot. You could get a card to create to a dedicated FW feed, but he would need to buy the other computer...

good luck

DC

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>"LaMOnt" <[jjdpro@ameritech.net](mailto:jjdpro@ameritech.net)> wrote in message [news:45adc803\\$1@linux...](mailto:news:45adc803$1@linux...)

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Posted by [Deej \[4\]](#) on Wed, 17 Jan 2007 21:10:03 GMT  
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He actually has the Onyx daisy chained to the Digi 002 mixer's 2nd FW port.  
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register at the Digi users forum and see it this could work. sounds like he's hosed though from what you are saying because Digi doesn't recognize aggregate drivers, right?

"Larry Upton" <lupton@kpbs.org> wrote in message news:45ae8b27@linux...

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Subject: Re: Working with a Digi 002 & Macbook  
Posted by [Tony Benson](#) on Wed, 17 Jan 2007 21:26:54 GMT  
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I thought something had to be screwy, because I can run more than one Firewire audio device (plus 2 Firewire HD's) on my G5 with no problems. I'm using DP5 though, so. . .

I also don't have any problems with track counts or latency on the internal Firewire bus, but again, maybe the G5 is "goosed" up more in that area than a Mac Book. ?? I have thought about popping a PCI Firewire card in there and

testing both ways to see if there's a big throughput difference.

Sorry I don't have an answer about why the Mac Book, especially the newer core duo wouldn't have better Firewire performance. I've got a 1.5 year old Power Book G4, 1.67 GHz, and though I don't use it much for audio, have had probably 20 or so tracks running in Cubase LE with several plugs. The interface is a Focusrite Saffire. I've never tested the absolute limits on the thing. (the Saffire has crap for mic pres by the way)

I wish I could be more help Deej.

Tony

"Larry Upton" <lupton@kpbs.org> wrote in message news:45ae8b27@linux...  
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Subject: Re: Working with a Digi 002 & Macbook  
Posted by [Larry Upton](#) on Wed, 17 Jan 2007 21:28:21 GMT

I think that is right - Digi will only allow PTLE/MPowered to recognize a maximum of 18 I/O, and then, only the exact designated devices - MBox/002/002R for LE, certain specific M-Audio devices for MP. The fact that the Onyx shows up in the LE I/O window is probably just a coincidence related to OSX recognizing the unit on the FW bus. The Digi audio interfaces act as the 'dongle' for PTLE.

That being said, posting on the DUC should provide a wealth of info...

Good luck,

Larry Upton  
KPBS TV/FM  
San Diego

DJ wrote:

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>>  
>>Larry Upton  
>>KPBS TV/FM  
>>San Diego  
>>  
>>(where the temperature at night is in the freezing range right now,  
>>also...)  
>>

>>DJ wrote:

>>

>>>Well.it's only a couple of months old. I doubt he's done any of these  
>>>things but I'll ask. If Macs aren't happy with multiple FW devices, then  
>>>why are there multiple FW ports?. why don't they say, "here's two FW  
>>>ports..Only use one or you will die. Actually....though, you may have  
>>>just provided me a possible answer to his dilemma. I'll get back to you.

>>>

>>>;o)

>>>

>>>"rick" <parnell68@hotmail.com> wrote in message  
>>>news:9pvsq29ufd0nrh6egsrm8v7cuklsnvsegi@4ax.com...

>>>

>>>

>>>>when's the last time he flashed the pram, nvram deleted preferences,  
>>>>repaired permissions? macs aren't always happy with multiple fw  
>>>>devices connected to them. unfortunately his options of the PCMCIA or  
>>>>fw cards does limit his options.

>>>>

>>>>as to multiple devices you will have to set that up as an aggregate  
>>>>device in the audiomidi setup.

>>>>

>>>>On Wed, 17 Jan 2007 12:35:49 -0700, "DJ" <www.aarrrrggghh!!!.com>  
>>>>wrote:

>>>>

>>>>

>>>>

>>>>>Oops.....he's using a Macbook, not a Macbook pro so no PCMCIA slot is  
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>>>>>use the Onyx inputs and the Digi mixer interface outputs. I thought Macs  
>>>>>could do this kind of stuff as far as seeing multiple audio drivers. any  
>>>>>suggestions about this or do I need to trudge over into Mordor and post  
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>>>>>to the Digi User's Forum?

>>>>>

>>>>>;P

>>>>>

>>>>>Thanks for your help, BTW.

>>>>>

>>>>>Deej

>>>>>

>>>>>

>>>>>

>>>>>"LaMOnt" <jjdpro@ameritech.net> wrote in message

>>>>>news:45adc803\$1@linux...

>>>>  
>>>>  
>>>>>Hi Dj.. Yes the Digi002 sounds very good. I uses he same converters as  
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>>>>>96 HD unit..  
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>>>>>The problem with most Macs (laptops and Imacs) when it comes to buffers  
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Subject: Re: Working with a Digi 002 & Macbook  
Posted by [DC](#) on Wed, 17 Jan 2007 22:20:36 GMT  
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---

"DJ" <[www.aarrrrggghhh!!!.com](http://www.aarrrrggghhh!!!.com)> wrote:  
>Well.it's only a couple of months old. I doubt he's done any of these things  
  
>but I'll ask.

I had my iBook repaired under the extended warranty.  
  
4 times...

And each time it needed a lot of tuning up to be right.  
You would think they would do this as part of the repair dammit!  
but nooooo

It's easy to do all this stuff. I can talk you through it on the  
phone if you give me a call.

Don't assume it does not need all this stuff because it is almost  
new.

DC

If Macs aren't happy with multiple FW devices, then why are  
>there multiple FW ports?. why don't they say, "here's two FW ports..Only  
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Subject: Re: Working with a Digi 002 & Macbook  
Posted by [excelav](#) on Wed, 17 Jan 2007 22:24:14 GMT  
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Larry's right DeeJ, a bunch of people were complaining about this on gear slutz. people wanted to use the 002 with the M-Audio ProjectMix I/O, or the Profire Lightbridge, and it won't work. It's rumored that this might change. I think it's one at a time with digi. By the way the MacBook is considered a consumer laptop.

"DJ" <[www.aarrrrggghhh!!!.com](http://www.aarrrrggghhh!!!.com)> wrote:

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---

Subject: Re: Working with a Digi 002 & Macbook  
Posted by [LaMont](#) on Wed, 17 Jan 2007 23:40:21 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Get A Dell.. :) Seriously, He 's gotta step up to the MacPro Laptop, then get a Firewire card..

The on-board Firewire interface is not robust enough and shares way too many irqs or whatever mac OSX terms it..

"DJ" <[www.aarrrrggghhh!!!.com](http://www.aarrrrggghhh!!!.com)> wrote:

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Subject: Re: Working with a Digi 002 & Macbook  
Posted by [excelav](#) on Thu, 18 Jan 2007 00:39:44 GMT  
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I don't own a MacBook so I can't really speak for it, but it should work.  
It's time for Gene to pipe in. He's got a MacBook Pro. By the way the  
new MacBooks have Core 2 Duos in them now. I've got a G3 600Mhz, old and  
now slow, no problems with the fireWire. I've run various MOTU, Presonus,  
and M-Audio interfaces with no problems. You should be able to run around  
24 I/O. It's not a Mac problem, it's a Digi restriction.

James

"LaMont" <jjdpro@ameritech.net> wrote:

>  
>Get A Dell.. :) Seriousluy, He 's gotta step up to the MacPro Laptop, then  
>get a Firewire card..  
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Subject: Re: Working with a Digi 002 & Macbook  
Posted by [Aaron Allen](#) on Thu, 18 Jan 2007 02:54:50 GMT  
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I quit upgrading my PT LE partly over this single interface at a time crap they forced on me ( and then they dropped my interface support). Also, to run the M Audio interface you need PT- M Powered, unless that has changed recently. It ain't the same as PT LE.

AA

"DJ" <www.aarrrrggghhh!!!.com> wrote in message news:45ae833b@linux...  
> So it's impossible for a Mac laptop without all of the goodies that the  
> "pro" version would have to just sorta' suck an not be up to the task?  
> Somehow methinks it entirely possible that theres a performance tradeoff  
> happening with these budget machines. It's always been that way with any  
> other product. You pay to play. Welcome to the world of cheap Macs. Yeah,  
> they're cheap, but .yeah they are compromised.....let's just don't

> advertize it.we'll let the users fdo that once we've got their \$\$\$.  
>  
> Same as it ever was.  
>  
> ;o)  
>  
>  
>  
>  
>  
> "James McCloskey" <excelsm@hotmail.com> wrote in message  
> news:45ae7baf\$1@linux...  
>>  
>> I don't know what's going on with the MacBook, it should work. I would  
>> check  
>> the PT site. As far as FW being a problem on Macs, I would disagree with  
>> that. Obviously there is some latency with FW in general.  
>>  
>> "DJ" <www.aarrrrggghh!!!.com> wrote:  
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Subject: Re: Working with a Digi 002 & Macbook  
Posted by [rick](#) on Thu, 18 Jan 2007 09:40:14 GMT  
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---

speaking mostly from my rig if trouble begins it's usually the front  
fw input that's the cause. both drives disappeared the other day and  
the only solution to bring them back was swapping the cables on both  
from one to the other and their port connections. pretty weird if you  
ask me but it worked.



On Wed, 17 Jan 2007 13:15:19 -0700, "DJ" <www.aarrrrggghh!!!.com>  
wrote:

>Well.it's only a couple of months old. I doubt he's done any of these things  
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