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Subject: Re: installing 8-in & 8-out cards

Posted by [rick](#) on Sun, 08 Jun 2008 09:40:48 GMT

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Subject: Re: installing 8-in & 8-out cards

Posted by [David Feldman](#) on Mon, 09 Jun 2008 01:00:59 GMT

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Subject: Re: installing 8-in & 8-out cards

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Subject: Re: installing 8-in & 8-out cards
Posted by [Aaron Allen](#) on Mon, 09 Jun 2008 01:36:57 GMT
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Subject: Re: installing 8-in & 8-out cards
Posted by [Aaron Allen](#) on Wed, 11 Jun 2008 04:41:32 GMT
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Subject: Re: installing 8-in & 8-out cards
Posted by [EK Sound](#) on Wed, 11 Jun 2008 15:45:43 GMT
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Subject: Re: installing 8-in & 8-out cards

Posted by [David Feldman](#) on Thu, 12 Jun 2008 05:38:44 GMT

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Subject: Re: installing 8-in & 8-out cards

Posted by [JeffH](#) on Thu, 12 Jun 2008 07:43:38 GMT

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AAAGR2V0U2NoZXJ6b0NhcmRBZGRyOiBOVUxMIHB0ciBhcmcAAABDOLXQQVJJ

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Subject: Re: installing 8-in & 8-out cards
Posted by [EK Sound](#) on Fri, 13 Jun 2008 17:35:26 GMT
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PgAAADAAACwAAAB4MWcz2DPcM+Az5DPoM6E2wjI00889jz0Pfg9/D0APgQ+
AAAAQAAAVAAAAGYxljLmM0Y1HjYINvQ2+Db8NgA3NzqYOpw6oDqkOjg72Dt4
PAo9QT1UPVo9YD1mPWw9cj14PX49hD2KPZA9lj2cPal9qD2uPbQ9uj0AYAAA
EAAAFwWYDBkMAAA
AA
AA
AA
AA
AAAAAAAAAAAAAAAAAAAA

---=_linux48cbae30--The new one seemes to start up correct too, without any "helping hand" from TAM at all:-)

Erling

On 13 Sep 2008 22:09:41 +1000, "Mike Audet" <mike@...> wrote:

>
>Hi Erling,
>
>Thanks so much for trying it out and posting!!!
>
>I've attached my latest build to this. I upped the UART write delay to 5
>ms because I had the lockup once when it was set to 4.
>
>I'm not locking the scherzo OR the app by using Toms utility, and I'm having
>no problems. This is so sweet! It seems to be fully threadsafe. It took
>me 2 months to track this down. :)
>
>Let me know if you find any other bugs. I may have broken something else
>while trying to fix this. But, that would be a lot easier to fix than this
>was. :)
>
>Also, I don't currently have a IF2 attached. Let me know if you do and have
>any issues.
>
>Cheers!
>
>Mike
>
>
>
>
>
>
>erlilo <erling.lovik@lyse.net> wrote:
>>
>>Have tested starting Paris a couple of hour without any freezing or
>>hiccups at all with C16 on my AMD Quad-Core Phenom Black Edition 9850

>>machine with 4 GB RAM in WinXP. It seems that THG Task Assignment
>>Manager minimized with Paris locked to processor 4 (3 in TAM that's
>>seeing the first processor as 0.) is working like a champ. I also
>>tested a little bit with a couple of old project, that seemed to work
>>normal.
>>I don't use IFCT at all to get the Scherzo driver use 1 CPU, since it
>>allways couldn't start Paris that allways showed up with the 1/1
>>fault.
>>
>>So it seems the waiting time is over to use Paris with modern double,
>>triple or quad CPU's. Again thanks Mike, for your work to give Paris
>>a longer life:-)
>>
>>Erling
>>
>>
>>
>>On 13 Sep 2008 12:41:07 +1000, "Mike Audet" <mike@...> wrote:
>>
>>>
>>>I still haven't had it fail here since the last change.
>>>
>>>I noticed that the freeze always happened when the EDS registers were being
>>>written to over and over. It would just stop in the middle of the writes.
>>> I put a 4 millisecond delay after the write before the lock is released.
>>> It seems to have solved it. I will be heartbroken if it turns out I've
>>>just been ubber lucky for the last 3 hours. :)
>>>
>>>Thanks for the help, Kerry!
>>>
>>>
>>>KerryGalloway <kg@kerrygalloway.com> wrote:
>>>>I just put a call in to a production partner to beg the use of his
>>>>multi CPU machine. Gotta be done; we're very close here.
>>>>
>>>>- K
>>>>
>>>>On 2008-09-12 17:25:18 -0700, "Mike Audet" <mike@...> said:
>>>>
>>>>>
>>>>>
>>>>>
>>>>> Ok...I just tested Paris for the last half our and it hasn't froze once,
>>>>even
>>>>> when opening a project that almost always froze.
>>>>>
>>>>> I think it's fixed. We'll have to see if this intermittent problem
>has

>>>just
>>>> been pulling my chain for hiding for

Subject: Re: installing 8-in & 8-out cards
Posted by [David Feldman](#) on Fri, 13 Jun 2008 17:38:10 GMT
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Ai6wkvAAAAItMJBSLICs0AAAAikUAUFFSU+jh9v//6ZMFAACL
rCS8AAAAi4wktAAAAIpFAFBRU+jj9f//g8QM6XUFAACLrCS8AAAAi0wkFluU
JLQAAACLRCQJQWiLTCQUi0FoUFJT6PT1//+DxAzpRgUAAIusJLwAAACLjCS0
AAAAikUAUFFT6DP2//+DxAzpJQUAAItEJBsLrCS8AAAAZotNAFCLhCS4AAAA
UVBT6DwQAADp/gQAAlusJLwAAACLjCS0AAAAikUARVBVUVPo7AkAAOneBAAA
i6wkvAAAAIpFAYpNAFCLVQSLhCS4AAAAUVJQU+hGCgAAg8QU6bgEAACLrCS8
AAAAi0QkFluMJLQAAABVUFFT6DMRAADpIQQAAIusJLwAAACLRCQUi4wktAAA
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AIPEFOIRBAAAI6wkvAAAAItEJBsLjCS0AAAAVVBRU+hcEwAA6S4EAACLrCS8
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AIPEDOnKAwAAi6wkvAAAAItEJBsLjCS0AAAAVVBRU+gFFQAA6acDAACLrCS8
AAAAi0QkFluMJLQAAABVUFFT6DUVAADphwMAAIusJLwAAACLTCQUi5QktAAA
AlpFAFBRUIPo4hUAAOIKAwAAi6wkvAAAAItEJBsLjCS0AAAAVVBRU+gSFgAA
6UQDAACLrCS8AAAAi0QkFluMJLQAAABVUFFT6BIYAADpJAMAAIusJLwAAACL
RCQUi4wktAAAAFVQUVPowhgAAOkEAAwAAi6wkvAAAAItEJBsLjCS0AAAAVVBR
U+jyGAA6eQCAACLrCS8AAAAi0QkFluMJLQAAABVUFFT6FIZAADpxAIAAIus
JLwAAACLRCQUi4wktAAAAFVQUVPochoAAOmKAwAAi6wkvAAAAItEJBsLjCS0
AAAAVVBRU+jIGAA6YQCAACLRCQUg8AQgDgAD4R7AgAAi0wkFlusJLwAAACK
VQA4URMPHWQCAABonHEAEMYAAGoC6J8rAAACLTCQcg8Qlg8FeZoM5AA+EkWAA
AltEJBskQBI8RnQIPEgPhYAAAACLRCQUiAVg8AVhNJ0H2bHAQAAagCLhCS4
AAAAagRQU+iDKwAAg8QQ6QECAAD+wogQi0QkFIB4EkZ1F4uMJLQAAABQUVPo
VhIAAIPEDOnCAQAai0QkFMZAFP/pdQEAAItEJBsLjCS0AAAAUFFT6EQJAACD
xAzpWgEAAIusJLwAAABqAI1MJCBqAouUJLwAAABRxxkQkKFKKRQBSiEQkLVPo
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RCQtU+iQ8P//g8QU6fIAAACLrCS8AAAAi0QkFluMJLQAAABVUFFT6I0ZAADp
zwAAAIusJLwAAACLRCQUi4wktAAAAFVQUVPorRsAAOmVAAAAi6wkvAAAAItE
JBsLjCS0AAAAVVBRU+gdHAA6Y8AAACLrCS8AAAAi0QkFluMJLQAAABVUFFT
6N0cAADrcousJLwAAACLRCQUi4wktAAAAFVQUVPo8B0AAOtVi6wkvAAAAItE
JBsLjCS0AAAAVVBRU+gDHwAA6ziLrCS8AAAAi0QkFluMJLQAAABVUFFT6DYg
AADrG4usJLwAAACLRCQUi4wktAAAAFVQUVPoeSEAAIPEEIIIEJBILRCQYXV9e
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ABAxFgAQMRYAEDEWABBOFWAQdxCAEDEWABCgFwAQ/hsAEKgcABAFHQAQYh0A
ECgeABBRHgAQdB4AEJUeABDEHgAQ5R4AEAKfABApHwAQUh8AEHIfABCShwAQ
uR8AENkfABD5HwAQJSAAEEAgABBgIAAQgCAAEKMgABDDIAAQ4yAAEAMhABAj
IQAQQyEAEGMhABCDIQAQmSIAELQiABDmlgAQGCMAEDgjABBYlwAQeCMAEJUj
ABCylwAQzyMAEOwjABAwHAAQVBwAEHocABB6HAAQsR0AEMMdABDVHQAQ5x0A
EMzM

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Subject: Re: installing 8-in & 8-out cards
Posted by [rick](#) on Fri, 13 Jun 2008 19:45:59 GMT
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```
>  
>Thanks for the help, Kerry!  
>  
>  
>KerryGalloway <kg@kerrygalloway.com> wrote:  
>>I just put a call in to a production partner to beg the use of his  
>>multi CPU machine. Gotta be done; we're very close here.  
>>  
>>- K  
>>
```

>>On 2008-09-12 17:25:18 -0700, "Mike Audet" <mike@...> said:
>>
>>>
>>>
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>>> Ok...I just tested Paris for the last half our and it hasn't froze once,
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>>> I think it's fixed. We'll have to see if this intermittent problem has
>just
>>> been pulling my chain for hiding for the last half hour of opening and
>closing
>>> PARIS.
>>>
>>> If anyone else with a multi cpu machine can test this, I would be most
>
>>> grateful!
>>>
>>>
>>> Here it is...
>>>
>>> This message has one or more attachments. Select "Save Attachments"
>>> from the File menu to save.
>>
>>
>Welcome Yasser - I've added you in; glad you could join us, excellent
to see new names coming up!

- Kerry

On 2008-09-13 01:47:46 -0700, "Yasser Shaaban"
<yasser_shaaban61@hotmail.com> said:

>
> And I am to be added to the Paris community
>
> Thanks alotHi Rod,

It's a delay after a wright before a second one can begin. I don't think
it will make any difference.

All the best,

Mike

"Rod Lincoln" <rlincoln@nospam.kc.rr.com> wrote:
>

>Mike...pleasae forgive a stupid question, but you mentioned putting in a
4
>ms delay on EDS writes. Does this affect the latency in using paris when
>recording? Or is this just a start up delay?

>Rod

>"Mike Audet" <mike@...> wrote:

>>

>>I still haven't had it fail here since the last change.

>>

>>I noticed that the freeze always happened when the EDS registers were being
>>written to over and over. It would just stop in the middle of the writes.

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>>

>>>> grateful!

>>>>

>>>>

>>>> Here it is...

>>>>

>>>> This message has one or more attachments. Select "Save Attachments"

>>>> from the File menu to save.

>>>

>>>

>>

>Kerry and I were talking about this on the phone the other week, and I'm curious if anyone ever tried the latest Analog X ParisMIDI app with a control surface that might facilitate flying faders in Paris?

I'm looking at those new Euphonix controllers, or the Tascam DM 3200 and wondering if there might be a way to integrate them with Paris.

Cheers,

TC

<http://www.analogx.com/contents/download/audio/pmidi.htm>

It's the Paris. It's got MIDI. Nuff' said. Automation of ALL of the controls on the MiniMixer display, from the fader, to the EQ, effects, panning, phase, etc, etc, etc! Now supports MIDI TRANSMISSION of fader movements/mutes/solos, as well as imbedded support for the Yamaha Promix/01 mixer for, you guessed it, flying faders! Unlock the potential of the Paris today, with ParisMIDI! You must have a MIDI interface on the same system as the Paris in order to use this program. I suddenly seem to find myself in the market for an 8 channel pre too. Has anyone tried the Mackie Onyx 800R? Or the 1200F?

Gantt

"Wayne Carson" <waynecarson@cox.net> wrote:

>Hi folks,

>

>Does anybody have a recommending on replacing my Mackie 1640vlz for
>tracking? I only use the 1st 8 channels (direct outs) for tracking
>instruments and backing vox. My 2nd 8-in takes direct signals from the

>Roland session kit. So the rest of the board is not in use. I have a
>single MEC with two 8-ins, two EDS and two C16s.

>

>Can you recommend a clean, tight, non colorizing or minimal coloring pre,

>with 8 inputs of XLR and 1/4", 8 1/4" balanced outputs and gives me the

>ability to adjust each channel (some mic and some line levels) as I track

>bass, keyboards, guitars (acoustic and electric via POD or amp) and backing

>vox all at once. Don't break the bank but do recommend quality. I will pay
>up to \$2K but that is a little painful.
>
>I just want to replace my 1604vlz because I can hear the
>harshness/brittleness and muddyness of the pre's.
>
>Thanks,
>Wayne
>
>btw - I'll be away from the newsgroup for a week so I won't be able to reply

>with thanks immediately.
>

>So, I've been reading a bit about the Presonus Digimax FS since there seems to be a lot of favorable talk about it. I'd like to have something w/ firewire so I could do remote stuff w/ my wife's PC laptop but that seems to be a whole 'nother can of worms.

Does anyone have experience with sending 24 bit ADAT lightpipe signal into Paris' 20 bit ADAT cards' inputs? Does it sound good, bad, indifferent?

I'm also interested in the Mackie Onyx 1200F. 12 Onyx preamps, about a gazillion other ins and outs, ADAT lightpipe, firewire, control room monitor, headphone outs. All for around \$1700.

Anyone want to buy my 1975 Martin D28?

Gantt

Thanks!

Gantt

"Gantt Kushner" <ganttmann@comcast.net> wrote:

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>
>Gantt

>
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>>

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truncates the last 4 bits, because it's 20 bit. Sounds fine. Dunno if I'd do
super critical orchestral or old school jazz that way, but for the
pop/rock/metal/jazz/fusion stuff I've done with the adat inputs the
convertor quality is way more important than losing the last 4 bits. If you
keep a nice hot signal, you'd never know the difference IMO.
AA

"Gantt Kushner" <ganttmann@comcast.net> wrote in message
news:48cc7709\$1@linux...

>
> So, I've been reading a bit about the Presonus Digimax FS since there
> seems
> to be a lot of favorable talk about it. I'd like to have something w/
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> so I could do remote stuff w/ my wife's PC laptop but that seems to be a
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> gazillion
> other ins and outs, ADAT lightpipe, firewire, control room monitor,
> headphone
> outs. All for around \$1700.
>
> Anyone want to buy my 1975 Martin D28?
>
> GanttHmmm. The projects in question would be old school jazz and 1 mic classical
recording.

"Aaron Allen" <know-spam@not_here.dude> wrote:

>> Does anyone have experience with sending 24 bit ADAT lightpipe signal
into
>> Paris' 20 bit ADAT cards' inputs? Does it sound good, bad, indifferent?
>
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>> other ins and outs, ADAT lightpipe, firewire, control room monitor,
>> headphone
>> outs. All for around \$1700.
>>
>> Anyone want to buy my 1975 Martin D28?
>>
>> Gantt
>
>This is a multi-part message in MIME format.

---=_linux48cd19dc
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hi All,

Here's my latest build of the PSCL.

I thought I should write a bit about what the PSCL is and what it does.

There is a set chain of communication that goes on in PARIS while the app is running. It looks like this:

PARIS App <--> PSCL <--> scherzo driver <---> hardware.

Basically, the App calls functions in the PSCL in order to tell the hardware to stop playing, or start, or load the driver for the 8 out cards, or whatever. The PSCL translates these requests to commands that the cards can understand and sends the commands to the scherzo driver to pass them down to the cards.

When the PSCL was first written - which was a long time ago now - there was no way to run PARIS on a multi-CPU machine. Not only was there no need to protect the code from the hazards of a multi-cpu machine, there was no way to test if what you had done worked even if you tried.

I've been trying to make the PSCL multi-cpu safe. This has been a huge challenge for me because the PSCL was written in a c-like style. It's all structures and functions. It's not object oriented at all, which is what is more common today and what I'm used to. I'm also still a new programmer. So, more than once I've thought something was broken or messed up when it probably wasn't. I just didn't understand it correctly.

Anyway, what I have done is put locks on all the resources I can find that could be affected by two CPUs trying to change them at the exact same time.

I've also discovered that there are certain card resources that the PSCL tries to change directly without going through the scherzo driver. These variables seem to need around 3 miliseconds to "take". I think that under windows 95, the PSCL was directly altering the memory on the cards, but Windows XP doesn't allow that. What I think is happening is that Windows is intercepting the attempt to alter the variable and passing it down through the regular mechanisms, and that imposes a delay. If the app moves on and tries to do something that requires the value being set properly, things go wrong. I'm guess that on a single CPU system, Windows is regularly interrupting to manage memory, read files from the disk, update the clock, etc, etc., so these delays were "filled in" by windows. I'm just making them explicit.

Anyway, it seems to be working well for me. I also tightened up the start up hardware detection timings because some of them seem to work fine at one fifth what they were now that the direct writes are being managed.

There are other small changes, too. Let me know if you have a chance to try this and how it goes. There may be hardware configurations that don't like what I've done. But, my IF2 now work, and it wasn't working well as of the last build.

I hope this clears up any questions about what I'm doing. I'll try to package these changes into a proper installer once I'm done building, which will probably be soon. I think we're almost there.

All the best!

Mike

---=_linux48cd19dc

Content-Type: application/octet-stream; name="PARIS_StudioControlLibrary.dll"

Content-Transfer-Encoding: base64

Content-Disposition: attachment; filename="PARIS_StudioControlLibrary.dll"

```
TVqQAAMAAAEAAAA/8AALgAAAAAAAAAQAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAgAAAAA4fug4AtAnNIbgBTM0hVGhpcyBwcm9ncmFt
IGNhbm5vdCBiZSB5dW4gaW4gRE9TIG1vZGUuZDQ0KJAAAAAAAAABQRQAATAEF
ABURzUgAAAAAAAAAAOADIeLAQQQUAKQBAAA6AQAAAAAAsLEBAAQAAAAwAEA
AAAAEAAQAAAAAgAABAAAAAAAAAAEAAAAAAAAAAAgAwAABAAAAAAAAAIAAAAA
ABAAABAAAAAAEAAAEAAAAAAAAABAAAABA/AEAuysAAADwAgBkAAAAAAAAAAAA
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AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAABc8QIA+AAAAAAAAAAAA
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AABAAABALmRhdGEAAAQsAAAADACAABoAAAAEAIAAAAAAAAAAAAAAAAAAAAAA
wC5pZGF0YQAAG9UAAADwAgAABgAAAHgCAAAAAAAAAAAAAAAAAAAEAAAMAucmVs
```
