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vjPBvyv

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Figure S1.

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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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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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Q0xcVm9pY2VEcm12ZXJcV2luOTVccGdlc3RhbHQuY3BwOjEwMiAlczogJXMg  
ZXJyIDB4JWx4IQoAAAFZDRF9PcGVuRGV2aWNIRHJpdmVyAAAAAENyZWFOZUZp  
bGUgZGV2aWNlIGRyaXZlclxXaW45NVxwY2FsbGJjay5jcHAARG9UaGlz  
ZXZpY2VEcm12ZXI6IG5vbnp1cm8gaERldmljZURyaXZlclxEAAAAAQzpcUEFS  
SVNcTkVXUFNDTFxWb2ljZURyaXZlclxXaW45NVxwZ2VzdGFsdC5jcHAABVNE  
X0Nsb3NIRGV2aWNIRHJpdmVyOiBOVUxMIHBQcm9jR2VzdGFsdCEAAABDOlxQ  
QVJJU1xORVdQU0NMXFZvaWNIRHJpdmVyXFdpbjk1XHBnZXN0YWx0LmNwcDo0  
ODkgJXM6ICVzIGVyciAweCVseCEKAABTZXRUaHJIYWRQcm1vcml0eQAAAENy  
ZWF0ZVZDRFByb2Nlc3NHZXN0YWx0OiBoZWxwZXlmdGhyZWFKIHdhaXQ/Pz8/  
AENyZWFOZVZDRFByb2Nlc3NHZXN0YWx0OiBoZWxwZXlmdGhyZWFKIGFscmVh  
ZHkgZGVhZCEAAAAAQ3JIYXRIVkNEUHJvY2Vzc0dlc3RhbHQ6IHdhaXQgb24g  
aGVscGVyIGZhaWxlZCEAQzpcUEFSSVNcTkVXUFNDTFxWb2ljZURyaXZlclxX  
aW45NVxwZ2VzdGFsdC5jcHA6NDIzICVzOiAlcyBlcnlgMHglbHghCgAAQ3JI  
YXRIVGhyZWFKIGh1bHB1cmVhdGVWQ0RQcm9jZXNzR2VzdGFsdDogMTYt  
Yml0IGFwcD8gY29udGludWluZy4uLgAAQzpcUEFSSVNcTkVXUFNDTFxWb2lj  
ZURyaXZlclxXaW45NVxwZ2VzdGFsdC5jcHA6Mzg2ICVzOiAlcyBlcnlgMHgl  
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TFxWb2ljZURyaXZlclxXaW45NVxwZ2VzdGFsdC5jcHA6MzUwICVzOiAlcyBl  
cnlgMHglbHghCgAAQ3JIYXRIRXZlbnQgdGltZXIAAAAlbHVDYXJkKWRTYw1w  
bGVFdmVudAAAAABDOlxQQVJJU1xORVdQU0NMXFZvaWNIRHJpdmVyXFdpbjk1  
XHBnZXN0YWx0LmNwcDozMzMgJXM6ICVzIGVyciAweCVseCEKAABDcmVhdGVF  
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QVJJU1xORVdQU0NMXFZvaWNIRHJpdmVyXFdpbjk1XHBnZXN0YWx0LmNwcDoy  
OTIgJXM6ICVzIGVyciAweCVseCEKAABDcmVhdGVtZW1hcGhvcmUgcmlVzb3Vy  
Y2UgbG9jawAAACVsdVZDRFJlc291cmNIJWQlZAAAQzpcUEFSSVNcTkVXUFND  
TFxWb2ljZURyaXZlclxXaW45NVxwZ2VzdGFsdC5jcHA6MjQ1ICVzOiAlcyBl  
cnlgMHglbHghCgAAQ3JIYXRlU2VtYXBob3JlIE1FQyBzY2hlZHVzZSBsb2Nr  
AAAAJWx1TUVDU2NoZWR1bGVmb2NrAABDOlxQQVJJU1xORVdQU0NMXFZvaWNI  
RHJpdmVyXFdpbjk1XHBnZXN0YWx0LmNwcDoyMjkgJXM6ICVzIGVyciAweCVs  
eCEKAABDcmVhdGVtZW1hcGhvcmUgY29tbWVudCBkZXF1ZXVlIGxvY2sAAAAA  
JWx1Q21kRGVxdWV1ZUxvY2sAAABDOlxQQVJJU1xORVdQU0NMXFZvaWNIRHJp  
dmVyXFdpbjk1XHBnZXN0YWx0LmNwcDoyMTMgJXM6ICVzIGVyciAweCVseCEK  
AABDcmVhdGVtZW1hcGhvcmUgY29tbWVudCBkdWV1ZSBsb2NrAAAlbHVDWRR  
dWV1ZUxvY2sAQzpcUEFSSVNcTkVXUFNDTFxWb2ljZURyaXZlclxXaW45NVxw  
Z2VzdGFsdC5jcHA6MTk2ICVzOiAlcyBlcnlgMHglbHghCgAAQ3JIYXRlU2Vt  
YXBob3JlIHZvaWNlIHNaGVkdWxlIGxvY2sAJWx1Vm9pY2VTY2hlZHVzZUxv  
Y2sAAAAAQzpcUEFSSVNcTkVXUFNDTFxWb2ljZURyaXZlclxXaW45NVxwZ2Vz

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  
EAAAFwWYDBkMAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA  
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA  
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA  
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA  
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA  
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  
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RCQtU+iQ8P//g8QU6fIAAACLrCS8AAAAi0QkFluMJLQAAABVUFFT6I0ZAADp  
zwAAAlusJLwAAACLRCQUi4wktAAAAFVQUVPorRsAAOmVAAAAi6wkvAAAAItE  
JBSLjCS0AAAAVVBRU+gdHAAA6Y8AAACLrCS8AAAAi0QkFluMJLQAAABVUFFT  
6N0cAADrcousJLwAAACLRCQUi4wktAAAAFVQUVPo8B0AAOtVi6wkvAAAAItE  
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ABCylwAQzyMAEOwjABAwHAAQVBwAEHocABB6HAAQsR0AEMMdABDVHQAQ5x0A  
EMzMzMzMzMzMzMzMzMzMzMzMzMzMzMzMzMzMzMzMzMzMzMzMzMzMzMzMzMzMzM

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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:  
>>  
>>>  
>>>  
>>>  
>>> 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 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.

>> I put a 4 millisecond delay after the write before the lock is released.

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>>just been ubber lucky for the last 3 hours. :)

>>

>>Thanks for the help, Kerry!

>>

>>

>>KerryGalloway <kg@kerrygalloway.com> wrote:

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>>>

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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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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  
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> firewire

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> 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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>>  
>> 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"

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