
Subject: Important adat sync questions for Dave et al
Posted by [jef knight\[1\]](#) on Wed, 05 Apr 2006 15:37:35 GMT

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Hey guys,

Well, it's been two freakin' years since I started getting sick and it wasn't until Nov that they figured it out 'cuz I didn't have the one main symptom that they look for...sheesh..dr's...
LSS...I'm back to health and feelin' great....downside - I've had to put many things, including my music/studio endeavours, on hold. Now that I'm back to normal I can begin again where I left off.

So where I left off was getting Nuendo (in comp 2) to slave to Paris (comp 1) via paris adat card and digi9652 card.

I have the settings and p-bay in Paris set correctly, I'm pretty sure, 'cuz when I hit paris/play, the digi9652 control panel indicates that the sync is working and the time begins to roll in comp 2.

But Nuendo doesn't start. I've set it up the way I think it should go, having done syncing (LTC) in Cubase for years, but I'm doing something horrible wrong I suspect. Word clock is also connected. So I'm not sure what's happening to make Nuendo not respond to the incoming 9-pin signal.

Does the paris/digi setup allow me to use APP or regular adat sync (that I'm in the dark about and assume it uses the optical connections, yes? Dunno. Am I even using the correct way of going about syncing? What do I need/need-to-know to make these two comps dance?

I'd sure appreciate some help getting back up and running. :)

jef

Subject: Re: Important adat sync questions for Dave et al
Posted by [jef knight\[1\]](#) on Wed, 05 Apr 2006 15:44:55 GMT

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BTW...I won't be able to check replies until later on today.
peace

jef knight wrote:

> Hey guys,
>

> Well, it's been two freakin' years since I started getting sick and it
> wasn't until Nov that they figured it out 'cuz I didn't have the one
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> jef

Subject: Re: Important adat sync questions for Dave et al
Posted by [Don Nafe](#) on Wed, 05 Apr 2006 15:50:40 GMT
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Have you got the sync button engaged in the Nuendo transport window (F2
brings up the transport window I believe)

Don

"jef knight" <thestudio@allknightmusic.com> wrote in message
news:4433e7c5\$1@linux...

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> jef knight wrote:

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>> jef

Subject: Re: Important adat sync questions for Dave et al
Posted by [jef knight\[1\]](#) on Wed, 05 Apr 2006 15:59:48 GMT
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Yup. Whatever is going on here is related to some non-intuitive setting
I think.

Don Nafe wrote:

>Have you got the sync button engaged in the Nuendo transport window (F2
>brings up the transport window I believe)

>

>Don

>

>

>"jef knight" <thestudio@allknightmusic.com> wrote in message

>news:4433e7c5\$1@linux...

>

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>>>jef

>>>

>>>

>

>

>

>

Subject: Re: Important adat sync questions for Dave et al
Posted by [jef knight\[1\]](#) on Wed, 05 Apr 2006 16:00:14 GMT
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Thanks James!

James McCloskey wrote:

>Hey Jeff! Glad to hear your doing better, welcome back!
>
>James
>
>jef knight <thestudio@allknightmusic.com> wrote:
>
>
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Subject: Re: Important adat sync questions for Dave et al
Posted by [EK Sound](#) on Wed, 05 Apr 2006 16:02:03 GMT
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Hi Jef,

Nice to see you back on the group, and in good health!

AFAIK, the Digi series had issues with syncing using the 9 pin port. I seem to recall BT having issues with these cards and had to switch to the HDSP version. I was not succesful at getting this to work here with a Nuendo 9652 card (Digi 9652 re-badged for Steinberg) and made the switch to the HDSP version also (anyone want a cheap Nuendo 9652 card? ;-). I think it had to do with either NU/Cubase software versions, or operating system... can't remember exactly what it was. Perhaps DJ has more to add here...

Regards,

David.

jef knight wrote:

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Subject: Re: Important adat sync questions for Dave et al

Posted by [excelav](#) on Wed, 05 Apr 2006 16:05:15 GMT

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Hey Jeff! Glad to hear your doing better, welcome back!

James

jef knight <thestudio@allknightmusic.com> wrote:

>Hey guys,
>
>Well, it's been two freakin' years since I started getting sick and it
>wasn't until Nov that they figured it out 'cuz I didn't have the one
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Subject: Re: Important adat sync questions for Dave et al
Posted by [Deej \[1\]](#) on Wed, 05 Apr 2006 16:50:17 GMT
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SX needs to be set to sync to ASIO positioning protocol or something like that. I'll have to check tonight when I can get to this. I also recall issues with the older *digi* 96 cards not syncing to Paris. My best advice would be to sell the old card and get an HDSP model. These just work flawlessly with no gnashing of garments, rending of teeth.

;o)

"EK Sound" <askme@nospam.com> wrote in message news:4433eba1\$1@linux...
> Hi Jef,
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> Nice to see you back on the group, and in good health!
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> AFAIK, the Digi series had issues with syncing using the 9 pin port.

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Subject: Re: Important adat sync questions for Dave et al
Posted by [jef knight\[1\]](#) on Thu, 06 Apr 2006 14:16:19 GMT

oops, sorry guys, it IS the HDSP I have in there. Now what? Should I set it to APP? Gonna try that.

DJ wrote:

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Subject: Re: Important adat sync questions for Dave et al
Posted by [Deej \[1\]](#) on Thu, 06 Apr 2006 15:43:34 GMT
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The ADAT sync being generated by Paris is dependant on the clock signal being received by Paris. If you are using the Paris clock, then the HDSP will be syncing to the Paris clock. If you're not using an external clock, the RME HDSP clock is probably more accurate than the Paris clock.

If you are using more than one MEC, the best way to sync Paris to an external clock is to distribute the RME clock with an external box like the Lucid CLK-6 receiving sync from the RME and then sending it to each MEC.

If you do this, you will need to edit your Paris.cfg file wby adding the following line:

UsrHouseSync=1

Then you will need to go into C:\\Program Files\\EMU\\Paris and open Paris from your original Paris.exe file. When the Project opens, set the sync source to Word Clock and the sample rate to 48kHz and name it default project.ppj. Save this twice, once to your C:\\Program Files\\EMU\\Paris directory and once to your desktop. Then reboot Paris and you will be good to go with a house clock. You don't need to set the house clock to 48kHz. Leave it at 44.1. Just open the default project.ppj, , then navigate to your other projects that are 44.1, open them and reset the clock source to 44.1, close them, reopen them and you're good. Your paris projects are now sync'ed to the HDSP (or other) clock.

Now whether or not you did all of the stuff above, the HDSP should still sync to ADAT timecode being generated by Paris, no matter what clock Paris is generating, soooooo.....in Nuendo, set it to sync to ASIO Positioning Protocall, connect a serial cable from the Paris ADAT output to the HDSP ADAT input go into the HDSP control panel and set it to sync to ADAT sync hit play on the Paris C-16 and the timelines should lock up.

Deej

"jef knight" <thestudio@allknightmusic.com> wrote in message news:44352480@linux...

> oops, sorry guys, it IS the HDSP I have in there. Now what? Should I set
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> DJ wrote:

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> >>>jef
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Subject: Re: Important adat sync questions for Dave et al - woohoo!
Posted by [jef knight\[1\]](#) on Thu, 06 Apr 2006 17:38:21 GMT
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This is a multi-part message in MIME format.

-----000405050902040508050303

Content-Type: text/plain; charset=ISO-8859-1; format=flowed

Content-Transfer-Encoding: 7bit

Geez, thanks so much for the indepth look under the hood Deeji!

So, if I read you correctly, I can use the clock in the hdsp via word clock right? So I need to hook up a word clock cable from the hdsp out to paris in? Do I need to terminate this?

As for the settings, I had made some goofy choices in the setup of Nuendo the other day. I just now switched to the hdsp asio driver (rather than the asio multimedia driver) and selected "asio audio card" in the sync options on the transport menu and Wa-lla! she rollin! Cool.

I'm gonna now do the Paris setting. I have a guy coming by to demo some folk song or other, so I'll let you know tonight how it's all working out.

jef

DJ wrote:

>The ADAT sync being generated by Paris is dependant on the clock signal
>being received by Paris. If you are using the Paris clock, then the HDSP
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-----000405050902040508050303
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  <title></title>
</head>
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```
<body bgcolor="#ffffff" text="#000000">
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</pre>
</blockquote>
</body>
</html>
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-----000405050902040508050303--

Subject: Re: Important adat sync questions for Dave et al - woohoo!
Posted by [EK Sound](#) on Thu, 06 Apr 2006 18:17:49 GMT
[View Forum Message](#) <> [Reply to Message](#)

I would use a nice short high quality BNC cable, and clock Paris to the HDSP. It will clear a little of the mud in the imaging of Paris.

Glad to see you got it working.

David.

jef knight wrote:

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Subject: Re: Important adat sync questions for Dave et al - woohoo!
Posted by [Deej \[1\]](#) on Thu, 06 Apr 2006 18:21:05 GMT
[View Forum Message](#) <> [Reply to Message](#)

This is a multi-part message in MIME format.

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charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Jef.....answers below:

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Yes.

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charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

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<DIV> </DIV>

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href=3D"mailto:askme@nospam.com"><askme@nospam.com> wrote in =
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-----=_NextPart_000_005C_01C65974.939483A0--

Subject: Re: Important adat sync questions for Dave et al - woohoo!

Posted by [jef knight\[1\]](#) on Fri, 07 Apr 2006 14:24:06 GMT

[View Forum Message](#) <> [Reply to Message](#)

This is a multi-part message in MIME format.

-----040901070800080302070702

Content-Type: text/plain; charset=ISO-8859-1; format=flowed

Content-Transfer-Encoding: 7bit

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</head>  
<body bgcolor="#ffffff" text="#000000">
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<blockquote cite="mid44355e3e@linux" type="cite">

<title></title>

<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">

<meta content="MSHTML 6.00.2800.1106" name="GENERATOR">

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<blockquote

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dir="ltr">

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Posted by [jef knight\[1\]](#) on Fri, 07 Apr 2006 14:27:48 GMT
[View Forum Message](#) <> [Reply to Message](#)

This is a multi-part message in MIME format.

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Content-Transfer-Encoding: 7bit

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">

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<head>
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</head>
<body bgcolor="#ffffff" text="#000000">
question below<br>
<br>
DJ wrote:
<blockquote cite="mid44355e3e@linux" type="cite">
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  <meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
  <meta content="MSHTML 6.00.2800.1106" name="GENERATOR">
  <style></style>
  <blockquote
style="border-left: 2px solid rgb(0, 0, 0); padding-right: 0px; padding-left: 5px; margin-left: 5px;
margin-right: 0px;"
dir="ltr">
  <div><font face="Arial" size="2">Jef.....answers below:</font></div>
  <div>&nbsp;</div>
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</blockquote>
</body>
</html>
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Posted by [EK Sound](#) on Fri, 07 Apr 2006 14:55:29 GMT
[View Forum Message](#) <> [Reply to Message](#)

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Posted by [jef knight\[1\]](#) on Fri, 07 Apr 2006 16:09:58 GMT
[View Forum Message](#) <> [Reply to Message](#)

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>>>>>>>>> Dunno. Am I even using the correct way of going about syncing?
>>>>>>>>> What do
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>>>>>>>> need/need-to-know to make these two comps dance?
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>>>>>>>> I'd sure appreciate some help getting back up and running. :)
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Subject: Re: Important adat sync questions for Dave et al - woohoo!
Posted by [Deej \[1\]](#) on Fri, 07 Apr 2006 16:59:45 GMT
[View Forum Message](#) <> [Reply to Message](#)

Agree.

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>>>>>>>"EK Sound" <askme@nospam.com> wrote in message
>>>>>>>news:4433eba1\$1@linux...
>>>>>>>
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>>>>>>>
>>>>>>>
>>>>>>>Hi Jef,
>>>>>>>
>>>>>>>Nice to see you back on the group, and in good health!
>>>>>>>
>>>>>>>AFAIK, the Digi series had issues with syncing using the 9 pin

>>>>>>>>port.
>>>>>>>>I seem to recall BT having issues with these cards and had to
>>>>>>>>switch
>>>>>>>>to the HDSP version. I was not succesful at getting this to
>>>>>>>>work here
>>>>>>>>with a Nuendo 9652 card (Digi 9652 re-badged for Steinberg) and
>>>>>>>>made
>>>>>>>>the switch to the HDSP version also (anyone want a cheap Nuendo
>>>>>>>>9652
>>>>>>>>card? ;-). I think it had to do with either NU/Cubase software
>>>>>>>>versions, or operating system... can't remember exactly what it
>>>>>>>>was.
>>>>>>>>Perhaps DJ has more to add here...
>>>>>>>>
>>>>>>>>Regards,
>>>>>>>>
>>>>>>>>David.
>>>>>>>>
>>>>>>>>jef knight wrote:
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>>>>>>>>
>>>>>>>>Hey guys,
>>>>>>>>
>>>>>>>>Well, it's been two freakin' years since I started getting sick
>>>>>>>>and it
>>>>>>>>wasn't until Nov that they figured it out 'cuz I didn't have
>>>>>>>>the one
>>>>>>>>main symptom that they look for...sheesh..dr's...
>>>>>>>>LSS...I'm back to health and feelin' great....downside - I've
>>>>>>>>had to
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>>>>>>>>put
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>>>>>>>>
>>>>>>>>many things, including my music/studio endeavours, on hold. Now
>>>>>>>>that I'm
>>>>>>>>back to normal I can begin again where I left off.
>>>>>>>>

>>>>>>>>>>So where I left off was getting Nuendo (in comp 2) to slave to
>>>>>>>>>>Paris (
>>>>>>>>>>comp 1) via paris adat card and digi9652 card.
>>>>>>>>>>
>>>>>>>>>>I have the settings and p-bay in Paris set correctly, I'm
>>>>>>>>>>pretty sure,
>>>>>>>>>>'cuz when I hit paris/play, the digi9652 control panel
>>>>>>>>>>indicates that
>>>>>>>>>>the sync is working and the time begins to roll in comp 2.
>>>>>>>>>>
>>>>>>>>>>But Nuendo doesn't start. I've set it up the way I think it
>>>>>>>>>>should go,
>>>>>>>>>>having done syncing (LTC) in Cubase for years, but I'm doing
>>>>>>>>>>something
>>>>>>>>>>horrible wrong I suspect. Word clock is also connected. So I'm
>>>>>>>>>>not sure
>>>>>>>>>>what's happening to make Nuendo not respond to the incoming
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>>>>>>>>>>
>9-pin
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>>>>>>>>>>signal.
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>>>>>>>>>>>>Does the paris/digi setup allow me to use APP or regular adat
>>>>>>>>>>>>
>>>>>>>>>>>>
>sync
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>>>>>>>>>>
>>>>>>>>>>(that
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>>>>>>>>>>
>>>>>>>>>>>>I'm in the dark about and assume it uses the optical

DJ wrote:

```
<blockquote cite="mid44369cfa@linux" type="cite">
  <pre wrap="">Agree.
```

"EK Sound" <askme@nospam.com> wrote in message news:4436917a@linux...
</pre>

```
<blockquote type="cite">
  <pre wrap="">Yes, you would attach the terminator to the output of Paris. You probably won't need it, but for a few bucks, it's cheap stability insurance.
```

David.

jef knight wrote:

```
</pre>
<blockquote type="cite">
  <pre wrap="">If I go with the hdsp as clock, then the last device will be Paris, correct? ...which I think has only In and Out, yes? Does this still
```

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</pre>
</blockquote>
</blockquote>
<pre wrap=""><!-->apply?
</pre>
```

```
<blockquote type="cite">
  <blockquote type="cite">
    <pre wrap="">EK Sound wrote:
```

```
</pre>
  <blockquote type="cite">
    <pre wrap="">If the last device in the WC chain has a "loop through" jack, then attach a BNC connector that has a 75 Ohm 1% resistor soldered across it. Some devices have actual 75 Ohm termination switches on them.
```

David.

jef knight wrote:

```
</pre>
<blockquote type="cite">
  <pre wrap="">question below
```

DJ wrote:

```
</pre>
<blockquote type="cite">
  <pre wrap=""> Jef.....answers below:
```

"jef knight" <thestudio@allknightmusic.com
<mailto:thestudio@allknightmusic.com>>
> wrote in message
news:443553db@linux...
Geez, thanks so much for the indepth look under the hood Deeji!

So, if I read you correctly, I can use the clock in the hdsp via word clock right?

Yes.

So I need to hook up a work clock cable from the hdsp out to paris in? Do I need to terminate this?

I would do it. Paris is supposed to autoterminate and the HDSP has a jumper, but I would still do it with 75ohm terminator caps.

</pre>

</blockquote>

<pre wrap="">just to clarify, is this like scsi termination when I need to actually cap the cable (i never trusted the dip switches) ?, in this case with a T and a terminator on the "far" end of the chain on the last device, or would it be a not-so-bad idea to do the hdsp end also?

j

</pre>

<blockquote type="cite">

<pre wrap="">

As for the settings, I had made some goofy choices in the setup

</pre>

</blockquote>

</blockquote>

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<pre wrap=""><!-->of

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<blockquote type="cite">

<pre wrap=""> Nuendo the other day. I just now switched to the hdsp asio driver

(rather than the asio multimedia driver) and selected "asio

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<pre wrap=""><!-->audio
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      <blockquote type="cite">
        <blockquote type="cite">
          <pre wrap="">  card" in the sync options on the transport menu and Wa-lla! she
rollin! Cool.
Cool indeed!!!!
```

I'm gonna now do the Paris setting. I have a guy coming by to

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<pre wrap=""><!-->demo
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<blockquote type="cite">
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        <blockquote type="cite">
          <pre wrap="">  some folk song or other, so I'll let you know tonight how it's
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<pre wrap=""><!-->all
</pre>
<blockquote type="cite">
  <blockquote type="cite">
    <blockquote type="cite">
      <blockquote type="cite">
        <pre wrap="">  working out.
If you're not using the RME as master clock, there's no
```


need to
change anything in Paris.

jef

DJ wrote:

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</pre>  
<blockquote type="cite">  
  <pre wrap="">The ADAT sync being generated by Paris is dependant on the clock  
signal  
being received by Paris. If you are using the Paris clock, then the  
HDSP  
will be syncing to the Paris clock. If you're not using an external  
clock,  
the RME HDSP clock is probably more accurate than the Paris clock.
```

If you are using more than one MEC, the best way to sync Paris to an external clock is to distribute the RME clock with an external box like the Lucid CLK-6 receiving sync from the RME and then sending it to each MEC.

If you do this, you will need to edit your Paris.cfg file wby adding the following line:

```
UsrHouseSync=1
```

Then you will need to go into C:\\Program Files\\EMU\\Paris and open Paris from your original Paris.exe file. When the Project opens, set the sync source to Word Clock and the sample rate to 48kHz and name it

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```

```

<blockquote type="cite">
  <blockquote type="cite">
    <blockquote type="cite">
      <pre wrap="">project.ppj. Save this twice, once to your C:\\Program
      </pre>
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</blockquote>
</blockquote>
</blockquote>
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</pre>
<pre wrap=""><!-->Files\\EMU\\Paris
</pre>
<blockquote type="cite">
  <blockquote type="cite">
    <blockquote type="cite">
      <blockquote type="cite">
        <blockquote type="cite">
          <pre wrap="">directory and once to your desktop. Then reboot Paris and you will

```

be good
to go with a house clock. You don't need to set the house clock to 48kHz.
Leave it at 44.1. Just open the default project.ppj, , then
navigate to your
other projects that are 44.1, open them and reset the clock source
to 44.1,
close them, reopen them and you're good. Your paris projects are
now sync'ed
to the HDSP (or other) clock.

Now whether or not you did all of the stuff above, the HDSP should
still
sync to ADAT timecode being generated by Paris, no matter what
clock Paris
is generating, sooooo.....in Nuendo, set it to sync to
ASIO Positioning Protocall, connect a serial cable from the Paris

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```

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<blockquote type="cite">
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      <blockquote type="cite">
```

```
        <pre wrap="">output to the HDSP ADAT input go into the HDSP control panel and
set it to
sync to ADAT sync hit play on the Paris C-16 and the timelines
should lock
up.
```

Deej

"jef knight" <thestudio@allknightmusic.com> wrote in message news:44352480@linux...

```
</pre>
<blockquote type="cite">
  <pre wrap="">oops, sorry guys, it IS the HDSP I have in there. Now what? Should
```

I set it to APP? Gonna try that.

DJ wrote:

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</pre>
<blockquote type="cite">
  <pre wrap="">SX needs to be set to sync to ASIO positioning protocol or
```

something

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<pre wrap="">like
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<blockquote type="cite">
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    <pre wrap="">that. I'll have to check tonight when I can get to this. I also
```

recall issues with the older *digi* 96 cards not syncing to Paris. My

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          <pre wrap="">advice
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    <pre wrap="">would be to sell the old card and get an HDSP model. These just
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        <blockquote type="cite">
          <blockquote type="cite">
            <pre wrap="">flawlessly with no gnashing of garments, rending of teeth.
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<pre wrap="">signal.
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        <pre wrap="">I'm in the dark about and assume it uses the optical
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conections, yes?

Dunno. Am I even using the correct way of going about syncing?

What do

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<pre wrap="">I
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        <pre wrap="">need/need-to-know to make these two comps dance?
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I'd sure appreciate some help getting back up and running. :)

jef

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