Subject: How to sync 2 adat cards
Posted by Philip on Tue, 10 Aug 2010 15:54:36 GMT

I have two adat mec cards. I have been using one to run 8 channels from an A\D preamp strip. So, I have the BNC cable coming out of the mec and into the 8 channel strip and I have the optical cable running from the the 8 channel strip to the adat card in the mec. This is how I have been tracking. Now, I would like to essentially add 8 more channels with the same method, but obviously, there is only one BNC cable coming off the mec. So, my question is how do I sync the second adat\8 channel pre strip unit?

Right now, if I plug in the optical cable, I do get audio, but there are pops and clicks that I am assuming are the result of nothing coming from the mec to sync the digital pre.

I know I have heard of folks running this kind of setup, so any help would be appreciated. Thanks.

-Phil

Subject: Re: How to sync 2 adat cards
Posted by kerryg on Wed, 11 Aug 2010 04:09:31 GMT

Hmm, you need to feed *some* sort of digital clock to that second 8-pre. Does it have any sort of digital *in* besides BNC/WC? Maybe SP/DIF or optical?

What unit is it, if you can give me a make and model we can see what we can figure out.

Subject: Re: How to sync 2 adat cards
Posted by Philip on Wed, 11 Aug 2010 16:32:19 GMT

IT is a cheap Behringer ada8000. I see BNC on the back, along with the optical in and out.

Any advice? I also have a FP10 firepod with spdif and 1394 on the back of it, but haven't ever tried to use it with paris.

-Phil

Subject: Re: How to sync 2 adat cards
Posted by kerryg on Wed, 11 Aug 2010 21:27:48 GMT

Since you've got both optical output and input on the ADA8000, you can use the ADAT out signal from PARIS to sync it (you don't have to intend to send it any audio from PARIS to do this).

Connect the ADA8000 both ways to your PARIS ADAT card with two ADAT cables, and set the SYNC switch on the ADA8000 to ADAT - that should get rid of the clicks and pops, they'll be slaved to PARIS' clock via the ADAT signal. You can do that with both of the pres for that matter until you decide to get a dedicated word clock.

Subject: Re: How to sync 2 adat cards
Posted by Philip on Thu, 12 Aug 2010 00:05:27 GMT
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Thanks a ton. That is a huge help. Ever notice that you always need some kind of cord? No matter how many optical, XLR, TRS, BNC, bla bla bla I buy, I always need either one more or something totally new!

Can you recommend a word clock for the future??

Subject: Re: How to sync 2 adat cards
Posted by kerryg on Thu, 12 Aug 2010 00:34:54 GMT
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I'm pretty green at that stuff myself - I know HOSA made a word clock generator with three or so outputs that retailed for about $80 and I didn't hear any complaints about it, so if you're not so much looking to upgrade your clock but just want to have one sync source that isn't PARIS that would be a cheap way to go (you might have to shop used though, I think they're discontinued). Clocks go up in price from there - wayy up - so maybe some folks with more experience with the effects of superior clocks will chime in.

Subject: Re: How to sync 2 adat cards
Posted by bradleywreed88 on Mon, 23 Aug 2010 05:39:33 GMT
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My 2 cents......

I would look for a used Lucid GENx6-96, or a GENx96

These clocks are really quite good, and you can get them used for around $300.00 for a GENx6-96 and $250 for a GENx96 (sometimes less). Since PARIS doesn't go any higher than 48K (which is plenty in my opinion), then you don't need to get one of the newer clocks that go up to 192 and beyond (192 is just plain nuts, unless you are doing video, and even then I think 24 bit 48K is super)

The GENx6-96 has 6 wordclock outputs and even has super wordclock for older ProTools setups.

The GENx96 doesn't have the super wordclock (unless you have an older MixPlus or Mix24

ProTools system then the GENx96 will be fine).

I think Lucid makes darn near as good of a clock as the Apogee Big Ben. No matter how you slice it, they are great bang for the buck.

I'm sure many would argue, but I like a good argument from time to time.

Hope this helps......by the way, don't forget to look into setting up your Paris.cfg file. There should be a text line in the file that says.........

UseHouseSync=1

This config file will probably already say equals zero instead of equals one, but some versions don't have the line at all and you have to add it (just as it reads above). You can edit the file with a text editor, but you might have to right click on the file and use the open with command if you have never opened that type of file before. Use Notepad for Windows and TextEdit for Mac.

Cheers.

-Bradley

Subject: Re: How to sync 2 adat cards
Posted by Philip on Tue, 31 Aug 2010 05:08:03 GMT
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Thanks to all. Got the extra optical cable and I am all set. Works like a charm.

Thanks.