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Subject: 2 MECs on 2-card system?

Posted by [uptown jimmy](#) on Sat, 31 Jul 2010 15:08:25 GMT

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Just making sure this works. I'm syncing my Paris system via Lucid wordclock, wanted to hook a 2nd MEC (or 442) to the 2nd EDS card so I can get some more SPDIF in/outs.

The ParisWIKI seems to indicated it works fine, anybody doing this?

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Subject: Re: 2 MECs on 2-card system?

Posted by [kerryg](#) on Sat, 31 Jul 2010 18:14:56 GMT

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Can do, 100%.

The setup: obtain enough wordclock cables (you'll only need two) of equal length, each equivalent to the longest cable run you anticipate needing (since you don't want WC cables of mismatched length), and a WC terminator. Daisy chain the MECs from first to last and put the terminator on the last one, then feed the first from your WC source via the remaining cable, switch PARIS into "UseHouseSync=1" and you're good to go.

Never had the slightest problem here, the most time-consuming part was crawling behind the gear to plug the cables in.

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Subject: Re: 2 MECs on 2-card system?

Posted by [uptown jimmy](#) on Sat, 31 Jul 2010 18:26:56 GMT

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Cool! Should I worry about setting things to 48 kHz instead 41.4 in the Paris default project?

And it's best to daisy-chain, not run separate lines from the Lucid to each Paris interface?

Also, the reason I'm doing this is so I can get a Firewire or USB interface for my iMac and use that as a virtual instrument box for Rhodes, Mellotron, old synth sounds, piano, etc.

If I get a soundcard with SPDIF in/out, will the VI and the soundcard on the iMac sync up to the Paris/Lucid clock via SPDIF? That way I'd have less latency from the iMac into Paris....

Thanks, Kerry.

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Subject: Re: 2 MECs on 2-card system?

Posted by [kerryg](#) on Sat, 31 Jul 2010 19:07:17 GMT

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I have my Default Project.PPJ set to 44.1 - never noticed any sort of problem. Maybe Mike's drivers fixed it? Daisy-chaining the MECs seems to be the way to go. The iMac will sync digitally via SP/DIF - all you'll need is a way to provide the iMac positional sync from PARIS as well, such as via MTC (not bad at all if you use one dedicated MIDI cable just for sync and put your MIDI performances on another cable - and - as Mike discovered - if you use 25FPS).

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Subject: Re: 2 MECs on 2-card system?

Posted by [uptown jimmy](#) on Sun, 01 Aug 2010 02:48:35 GMT

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I'm not sure what positional sync is, but it doesn't seem to be an issue with my Kurzweil Rumour and Mangler, which sync just fine via MIDI. Am I missing something?

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Subject: Re: 2 MECs on 2-card system?

Posted by [Dimitrios](#) on Tue, 19 Feb 2013 22:46:56 GMT

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KerryG

Can you sync three mecs without external wordclock ??

If you use external wordclock then why chain mecs' wc's and not just connect each mec to wc generator's individual outs instead ?

Thanks

Dimitrios

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Subject: Re: 2 MECs on 2-card system?

Posted by [kerryg](#) on Wed, 20 Feb 2013 00:24:36 GMT

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Beats me, the conventional wisdom has always been 2 MECs maximum before you need external clock.

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