
Subject: trouble with 442 on 2nd EDS card...

Posted by [uptown jimmy](#) on Sat, 14 Aug 2010 18:12:31 GMT

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Howdy.

Got the 442 installed per Kerry's instructions, everything syncs properly. Got a Kurzweil Rumour synced via SPDIF to the MEC on card 1, got a Kurzweil Mangler via SPDIF to the 442 on card 2. Everything works flawlessly, except:

I'm not getting any digital signal to/from the Mangler on the 442. I think I have the settings correct, the physical and virtual patching correct. Got the Mangler set to the same settings as the Rumour except that the Mangler is set to 20 bit because it's attached to the 442, which is 20 bit.

Any ideas? Am I missing some weird Paris quirk?

Jimmy

Subject: Re: trouble with 442 on 2nd EDS card...

Posted by [uptown jimmy](#) on Sun, 15 Aug 2010 20:28:43 GMT

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I think I figured it out: you can only use the interface on one EDS card at a time, right? Whichever card is assigned "A" in the master mixer is the one you can send receive signals on, and you can never send/receive on more than one card at a time, right?

I never ran into this before, as I never had an interface on more than one card before.

Subject: Re: trouble with 442 on 2nd EDS card...

Posted by [uptown jimmy](#) on Mon, 16 Aug 2010 22:07:07 GMT

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I tell you, it sure is fun talking with myself across the vast reaches of the interwebs.

I think maybe I have a bad cable, whatever kind it is that connects the EDS to the 442/MEC. Going to try a replacement cable.

Just wanted to let Jimmy know.

Subject: Re: trouble with 442 on 2nd EDS card...

Posted by [kerryg](#) on Mon, 16 Aug 2010 22:21:28 GMT

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Sorry Jimmy, been going flat out here - I even had a response written and lost it to a crash. You

should definitely be able to use both at once, if my memory isn't completely out to lunch.

A quick check just to eliminate one possibility: have you got the MEC and the 442 connected via word clock cable? They have to be wordclocked together to work.

Also - have you re-patched their cables between cards (ie if MEC is on Card A and 442 is Card B, switch the MEC to Card B and the 442 to Card A)? I believe there was some talk of problems someone had discovered with interfaces not passing audio unless they were connected to the second to last card in the system or something - sorry that's vague, I'll see what I can dig up on that.

edited to add: I just found this in the Notes - don't know if it's true, but worth trying:

Quote>Note: If you are using the S/PDIF digital inputs on an IF-442 or IF-MEC to listen to the output of a digital effects processor, you need to set the Project Window's Sync Source parameter to "Digital".

Subject: Re: trouble with 442 on 2nd EDS card...
Posted by [uptown jimmy](#) on Tue, 17 Aug 2010 01:11:15 GMT
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Everything is clocked perfectly. Utter lock, all units. That makes sense, I guess, as the MEC and 442 are receiving wordclock sync data via BNC cable. But the FX boxes sync up as well, via SPDIF, and only the one on card 1 passes any signal.

But then the 442 on card 2 is not passing ANY audio, digital or analog. I tried to record some keys into it last night, just to see. The MEC on card 1 still works perfectly, analog and digital.

Are you saying that which PCI slot a card/interface is plugged into can make it not work? I don't quite understand.

Subject: Re: trouble with 442 on 2nd EDS card...
Posted by [kerryg](#) on Tue, 17 Aug 2010 05:13:20 GMT
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OK, this thread here is the one that's making me think "hmmm..." in your case.

First off, what is the master clock in your system - PARIS or something else? If it's something else, what is it, word clock or other?

Do you have the word clock going *out* of whichever interface (MEC or 442) is plugged into Card A into the one that's plugged into Card B, or is it the other way around?

Stick with analog connections to the 442 while you're troubleshooting this - it will eliminate one

variable. If we can solve the basic issue of passing *any* signal through both interfaces at once it should be easy enough to get the SP/DIF to fall into line after that.

This thread here has some wonderful info about the peculiarities and "how to's" of the 442 courtesy of DeeJ.

Quote:I had the same problem running three MECs and a 442. Losing the 442 in favor of another MEC solved the problem... probably because Paris likes to see a clock signal on all interfaces when it boots, at least with mine, this seemed to be the case. The 442 is not able to see a clock signal until after it initializes which is during bootup so it's not syncing at the same time as the other devices.

If reading that thread ever makes you consider getting a second MEC to replace the 442, there's a PARIS user who just contacted me about selling one a couple of days ago, they cost peanuts nowadays.
