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Subject: Can you flow through the ADAT cards in realtime?

Posted by [kerryg](#) on Mon, 08 Mar 2010 18:45:31 GMT

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Hi all - anyone have any experience setting up so they can multitrack to PARIS and simultaneously flow those inputs through into another DAW via the outputs of the ADAT cards? If so, any suggestions on patchbay setups/routing? I'd like to avoid the necessity for an external ADAT patchbay if at all possible.

Thanks!

- K

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Subject: Re: Can you flow through the ADAT cards in realtime?

Posted by [Sound Dog](#) on Fri, 12 Mar 2010 05:11:50 GMT

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Hiya Kerry

You sure can - in the patchbay, just route the audio input (A8iT-24 or ADI-O1, SPDIF, whatever) input directly to an ADAT output. Then it's hardwired to your external ADAT device. You don't even have to have PARIS record-enabled.

I've uploaded a screen-shot of an example of how to do this, using an A8iT-24 as the input and an ADI-O1 as the output. (Later, I tested the concept using the ADI-O1 as both the input and the output, and it works, but I neglected to take a screenshot).

You can use the same trick to send audio out of PARIS via SPDIF.

I used to run PARIS and Logic 5 on separate computers, using PARIS as the master while slaving Logic via MTC. All the audio was recorded into PARIS and the MIDI generated stuff from Logic came into PARIS via lightpipe. The Logic PC had an RME HDSP9652 card installed, and with my two ADAT cards plus SPDIF I was able to get 9 stereo busses back into PARIS for mixing. The MTC sync was a bit flaky at times but the audio sync was rock-solid.

When Logic 7 came about I decided to simplify my life and record audio into Logic, using PARIS as a front end ("latency, what latency?"), kinda like an O2R or whatever, with multiple audio streams being sent via SPDIF and ADAT lightpipe.

Now that I have a reasonable audio interface for the Mac I tend to do all my recording and mixing inside Logic ("ah, I now understand this 'latency' of which you speak"), but I plan to experiment with using PARIS as a summing bus, especially after watching the BT DVD a few times (my favourite "new" DVD - thanks again Ted!).

Sorry for the ramble .

Cheers,

Stewart.

## File Attachments

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1) [MEC\\_8-In\\_ADAT\\_thru\\_patch\\_bay.JPG](#), downloaded 117 times

Patch Bay: [Show ADAT Routings]

MEC Module A Configuration

Edit Functions

Functions

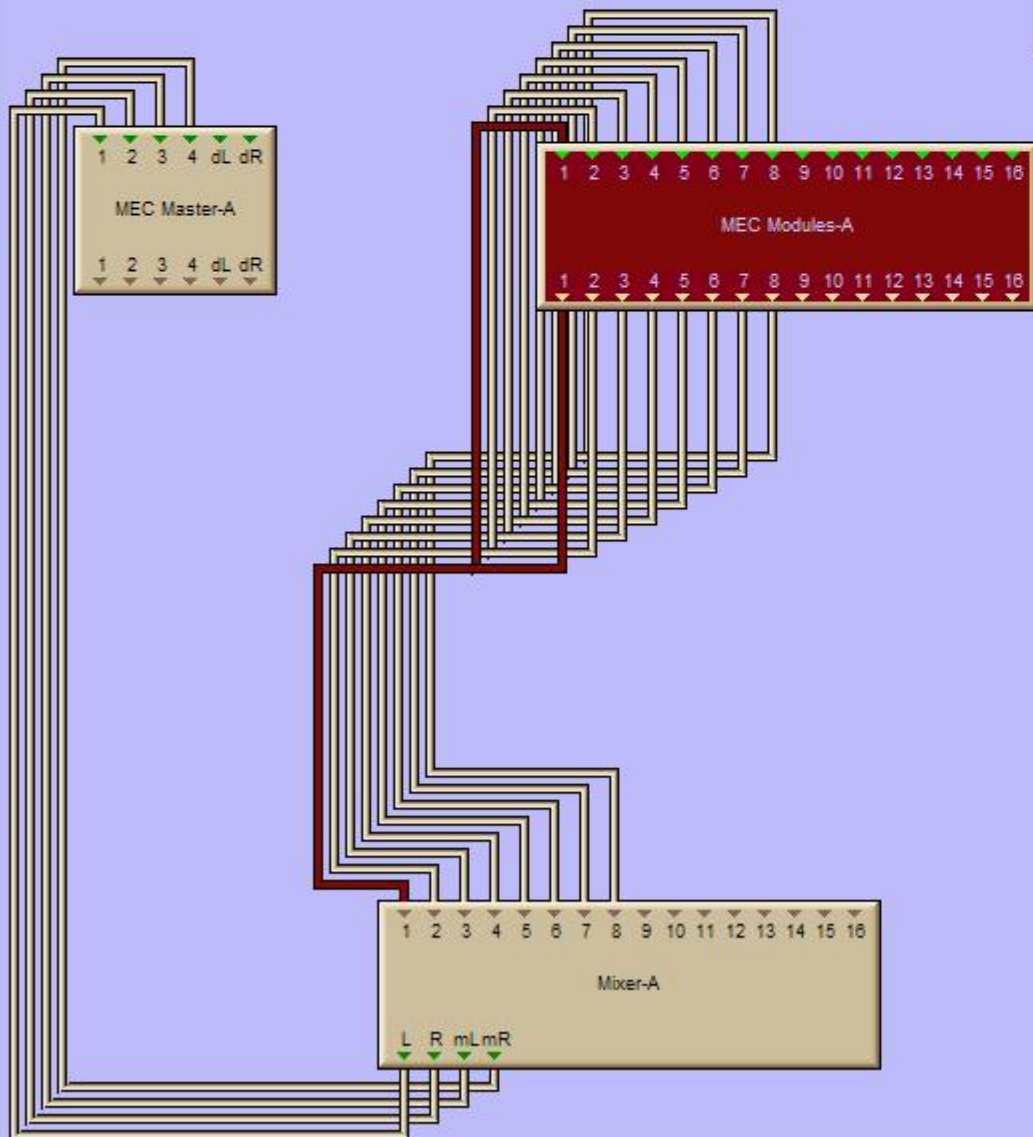
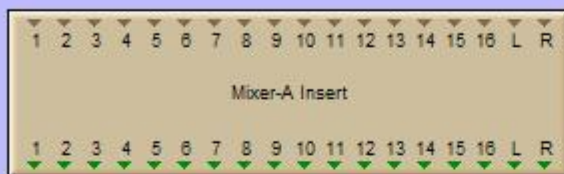
MEC Modules-A

Inputs

EDS-A8iT-24-1 In 1	1
EDS-A8iT-24-1 In 2	2
EDS-A8iT-24-1 In 3	3
EDS-A8iT-24-1 In 4	4
EDS-A8iT-24-1 In 5	5
EDS-A8iT-24-1 In 6	6
EDS-A8iT-24-1 In 7	7
EDS-A8iT-24-1 In 8	8
no connection	9
no connection	10
no connection	11
no connection	12
no connection	13
no connection	14
no connection	15
no connection	16

EDS-A8iT-24

EDS-A8iT-24



Subject: Re: Can you flow through the ADAT cards in realtime?

Posted by [kerryg](#) on Fri, 12 Mar 2010 05:21:30 GMT

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Oh my, that \*is\* ingenious - right, of course, you can mult "outs" in PARIS, you just can't mult "ins".

I was overthinking it - puzzling it over in terms of pulling individual outs off of mixer channels, a way more complicated idea than just pulling them off the ADAT ins themselves.

Thanks much - I'll be making my new Patch Bay setup tonight!

- Kerry

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Subject: Re: Can you flow through the ADAT cards in realtime?

Posted by [Sound Dog](#) on Fri, 12 Mar 2010 05:25:46 GMT

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What do you mean, "mult ins" ? You can send a single input to all 16 tracks within a submix I thought - is that what you mean ?

Stewart.

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Subject: Re: Can you flow through the ADAT cards in realtime?

Posted by [kerryg](#) on Fri, 12 Mar 2010 05:27:34 GMT

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Right, maybe I implied that backwards - in the patchbay, you can mult any output into many inputs, but you can't feed multiple outputs into one single input.

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Subject: Re: Can you flow through the ADAT cards in realtime?

Posted by [Sound Dog](#) on Fri, 12 Mar 2010 05:31:32 GMT

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Aha (light bulb goes on)

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Subject: Re: Can you flow through the ADAT cards in realtime?

Posted by [kerryg](#) on Fri, 12 Mar 2010 05:38:03 GMT

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It took me a long time to identify the brain twister about the Patch Bay that causes some people I

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know to recoil from it in fear.

It's the way the terminology is used. For all connections between software objects in the Patch Bay - mixer to FX, for example - "outputs" go to "inputs" just like they do in the rest of the audio universe. Ditto for the connection between ADAT in and ADAT out you just illustrated - hardware being patched to hardware.

But the brain-twisting exception comes in when you're patching between hardware and software objects in the Patch Bay. That's where the universe turns upside down and you patch inputs to inputs (MEC MASTER INPUT 1 to MIXER CHANNEL 1 IN) and outputs to outputs (MONITOR OUT LEFT to MEC MASTER OUT 1). Try that with a guitar pedal.

It took me an embarrassingly long time to put my finger on exactly what was causing me such confusion. Once I figured out that simple transposition, life was far easier.

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Subject: Re: Can you flow through the ADAT cards in realtime?

Posted by [thesandbox1](#) on Fri, 12 Mar 2010 07:33:18 GMT

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it's all about "flow through" ...or ball bearings or something.

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Subject: Re: Can you flow through the ADAT cards in realtime?

Posted by [kerryg](#) on Fri, 12 Mar 2010 08:10:04 GMT

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It is indeed. Hey, what are you doing in Italy anyway? Holidays? What part are you in?

Have you thought of dropping Dimitrios a message? There's a ferry from Brindisi down at the heel of Italy, isn't there?

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Subject: Re: Can you flow through the ADAT cards in realtime?

Posted by [dnafe](#) on Fri, 12 Mar 2010 11:39:32 GMT

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Can you Wiki that little patch bay anomaly Kerry

Could come in handy - I know it would for me

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Subject: Re: Can you flow through the ADAT cards in realtime?

Posted by [kerryg](#) on Fri, 12 Mar 2010 18:08:58 GMT

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dnafe wrote on Fri, 12 March 2010 03:39 Can you Wiki that little patch bay anomaly Kerry

Could come in handy - I know it would for me

Honestly, I hesitated before harping on it. So many folks are so far beyond my level of understanding of the Patch Bay. But frankly the thing always intimidated me a bit, and I couldn't figure out why, I was always afraid of messing up a working configuration and not being able to get it back.

But I know for a fact there are others in exactly the same boat, and it's really just a matter of understanding a couple of simple tricks about how it thinks and then anyone can make custom spaghetti in seconds

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Subject: Re: Can you flow through the ADAT cards in realtime?

Posted by [Ted Gerber](#) on Fri, 12 Mar 2010 20:45:30 GMT

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Sound Dog wrote on Fri, 12 March 2010 00:11 but I plan to experiment with using PARIS as a summing bus, especially after watching the BT DVD a few times (my favourite "new" DVD - thanks again Ted !).

Sorry for the ramble .

Cheers,

Stewart.

Really glad to see it helping!

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Subject: Re: Can you flow through the ADAT cards in realtime?

Posted by [thesandbox1](#) on Sun, 14 Mar 2010 00:12:48 GMT

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Was just in Naples for about 30 hours...work. I will write from Germany tomorrow and change my flag again!

kerryg wrote on Fri, 12 March 2010 00:10 It is indeed. Hey, what are you doing in Italy anyway? Holidays? What part are you in?

Have you thought of dropping Dimitrios a message? There's a ferry from Brindisi down at the heel of Italy, isn't there?

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