
Subject: More important findings for you hybrid DAW folks

Posted by [Deej \[1\]](#) on Sun, 04 Jun 2006 02:41:11 GMT

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As I have been pushing this hybrid DAW harder and harder, I've been finding out a lot of important things.

1. 3 x RME HDSP PCI cards and 4 x UAD-1 cards will overload the PCI bus when all the cards are used with a Magma

2. 1 x RME HDSP card and 4 x UAD-1 cards will overload the PCI bus when all the cards are used with a Magma.

3. Inserting 3 x RME HDSP cards in an ASUS A8V-Deluxe mobo and having one card share an IRQ with an AGP Matrox P750 will work just fine if you enable bus mastering on the Matrox P750. If bus mastering on the Matrox is disabled, the system will be unusable. This one had me by the short hairs for a while. It didn't seem to make sense to have the Matorx mastering the bus when sharing with an audio card, but this is absolutely necessary for this situation to work properly.

4. It's a good idea, when using 4 x UAD-1 cards in a Magma to just pull the top off the Magma and have a big fan blowing down into the chassis so they won't overheat.....because they will, if you don't.....no shit.

5. It doesn't hurt to get one of those freezer packs, freeze it and put it under your RME HDSP Multiface breakout box because these things get damned hot after 4 hours of cranking AD/DA through them when using them with external processors in a mix.

6. When mixing, the Lucid GenX6 WC is a very good workhorse and much less problematic than the Mytek because there are no thermal issues. The Mytek Stereo96 A/D and Stereo 96D/A converters (also) get damned hot when used as AD/DA channels for external inserts in Cubase SX and when used this hard, for long periods of time, this heat may be destabilizing the internal Mytek clock a bit. The Mytek has a nice clock and it's a good thing to use it as master when tracking using the Mytek A/D converters, but overall stability seems to suffer when the unit starts to heat up. Also.....you don't want to stack two of these units on top of each other either.....like they show in their ads.....at least not if they are being used hard. Set them side by side with nothing above them.

7. It's a hellaciously nice situation to have 70 digital I/O on each system plus the digital I/O of the external processors all interfaced, properly clocked and enabling the use good hardware processors and delay compensated UAD-1 plugins on inserts and auxes in Paris.

OK, that's it for now. System seems to be rockin along..

cheers,

Deej

Subject: Re: More important findings for you hybrid DAW folks
Posted by [Nei](#) on Sun, 04 Jun 2006 03:07:48 GMT
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"DJ" <animix_spam-this-ahole_@animas.net> wrote:
>4. It's a good idea, when using 4 x UAD-1 cards in a Magma to just pull
the top off the Magma and have a big fan blowing down
into the chassis so they won't overheat.....because they
will, if you don't.....no shit.

So what you're saying is that it will turn into a "liquid hot
mag-ma"?

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---=_linux44824e84--

Subject: Re: More important findings for you hybrid DAW folks
Posted by [Bill Lorentzen](#) on Sun, 04 Jun 2006 15:50:12 GMT
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Hahahahaha!

"Neil" <OIUOI@OIU.com> wrote in message news:44824e84\$1@linux...

>

> "DJ" <animix_spam-this-ahole_@animas.net> wrote:

>>4. It's a good idea, when using 4 x UAD-1 cards in a Magma to just pull

> the top off the Magma and have a big fan blowing down

> into the chassis so they won't overheat.....because they

> will, if you don't.....no shit.

>

> So what you're saying is that it will turn into a "liquid hot

> mag-ma"?

>

Subject: Re: More important findings for you hybrid DAW folks

Posted by [TCB](#) on Sun, 04 Jun 2006 16:55:29 GMT

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You are absolutely the best, DJ.

1. 3 x RME HDSP PCI cards and 4 x UAD-1 cards will overload the PCI bus when all the cards are used with a Magma.

Also, after smoking an entire eighth of high test British Columbia ganja, pounding a bottle of tequila, an popping two tabs of E, it's a bad idea to drive tanker trucks full of jet fuel, call your ex-girlfriend, or practice a trapeze act.

Thus we end today's episode of The Totally Flippin' Obvious ;-)

TCB

"DJ" <animix_spam-this-ahole_@animas.net> wrote:

>As I have been pushing this hybrid DAW harder and harder, I've been finding
>out a lot of important things.

>

>1. 3 x RME HDSP PCI cards and 4 x UAD-1 cards will overload the PCI bus
when

>all the cards are used with a Magma

>

>2. 1 x RME HDSP card and 4 x UAD-1 cards will overload the PCI bus when
all

>the cards are used with a Magma.

>

>3. Inserting 3 x RME HDSP cards in an ASUS A8V-Deluxe mobo and having one
>card share an IRQ with an AGP Matrox P750 will work just fine if you enable

>bus mastering on the Matrox P750. If bus mastering on the Matrox is

>disabled, the system will be unusable. This one had me by the short hairs

>for a while. It didn't seem to make sense to have the Matorx mastering the

>bus when sharing with an audio card, but this is absolutely necessary for

>this situation to work properly.

>

>4. It's a good idea, when using 4 x UAD-1 cards in a Magma to just pull
the

>top off the Magma and have a big fan blowing down into the chassis so they

>won't overheat.....because they will, if you don't.....no shit.

>

>5. It doesn't hurt to get one of those freezer packs, freeze it and put
it

>under your RME HDSP Multiface breakout box because these things get damned

>hot after 4 hours of cranking AD/DA through them when using them with

>external processors in a mix.

>

>6. When mixing, the Lucid GenX6 WC is a very good workhorse and much less
>problematic than the Mytek because there are no thermal issues. The Mytek
>Stereo96 A/D and Stereo 96D/A converters (also) get damned hot when used
as
>AD/DA channels for external inserts in Cubase SX and when used this hard,
>for long periods of time, this heat may be destabilizing the internal Mytek
>clock a bit. The Mytek has a nice clock and it's a good thing to use it
as
>master when tracking using the Mytek A/D converters, but overall stability
>seems to suffer when the unit starts to heat up. Also.....you don't want
>to stack two of these units on top of each other either.....like they show
>in their ads.....at least not if they are being used hard. Set them
side
>by side with nothing above them.
>
>7. It's a hellaciously nice situation to have 70 digital I/O on each system
>plus the digital I/O of the external processors all interfaced, properly
>clocked and enabling the use good hardware processors and delay compensated
>UAD-1 plugins on inserts and auxes in Paris.
>
>OK, that's it for now. System seems to be rockin along..
>
>cheers,
>
>Deej
>
>
>
>
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>
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>
