Subject: More important findings for you hybrid DAW folks
Posted by Deej [1] on Sun, 04 Jun 2006 02:41:11 GMT
View Forum Message <> Reply to Message

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