Subject: Latency differences across submixes share tips/tricks
Posted by Dimitrios on Tue, 01 May 2007 19:47:04 GMT
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Hi,
I measure in my system the following latencies
Submix 2 = 14 samples
Submix 3 = 16 samples
Submix 4 = 18 samples.

All these compared to submix 1.

So what I do to come over this is just use Faderworks (did I tell you how
great this is ?? :)
Put on all the submix audio tracks the above latencies as FIXED on your default
project.
Now whatever you record across submixes will be phase locked !
Why is this needed ?
Here is a simple scenario.
You have two adat cards one on submix1 and one on submix 4.
You record 12 drumtracks cause you have 12 microphones to spare, right ?
Now 1-8 drumtracks get recorded on submix 1 and 9-12 on submix 4.
Why not use two adat cards on one submix, well because you are on XP...
Now your overheads might be 9,10.
So faderworks will have all them alligned.

On a different scenario where you use the input modules across submixes you
do the same again, but if you have one adat and one analog in or more you
MUST find the latency of your digital converters here ,hence adat recording.
Then if you say find that your Presonus or Behringer 8 channel mic preamp
has a fixed latency at say 18 samples then you add that to the above latencies.
For instance:
Mec 1 has the input card and Mec 2 has the adat card.
Then you put faderworks on all Mec's 2 (submix 2) the 14 samples PLUS the
18 samples a total of 32 samples as default.
If you happen to have the input and adat card on same mec (why not !) the
just put the 18 samples on audiotracks 9-16 (where your adat card is connected.
Phase alligned tracks.
So faderworks is a heaven plugin for Paris and we have to thank the author
who kindly heard our kind suggestion to build this latency compensator.
Regards,
Dimitrios