Subject: Please explain the real benefits of ASIO and Paris !!!
Posted by ilovemusic on Tue, 15 Jan 2019 22:06:03 GMT

Hello,
I was figuring out that Paris had the special sounding hardware internal dsp that gave its signature sound along with the mixing buss inside its own dsp.
So this ASIO driver which sounds by the way awesome, what can bring different from another audio card, when the PC will handle just about everything?
Thank you!

Subject: Re: Please explain the real benefits of ASIO and Paris !!!
Posted by mikeaudet on Wed, 16 Jan 2019 18:30:15 GMT

Hi ilovemusic,

I wouldn't discount the contribution of the converters and analog circuitry in defining the PARIS sound. When I play music through the ASIO driver, it sounds the same as when it is played through PARIS.exe. Which is to say, it sounds big, warm, and detailed in a way that no other sound card that I have access to sounds.

I've always found that I need another sound card, not to replace PARIS, but to check a mix on a crappy set of converters. I've found that more reverb might be needed on a crappy converter because you can't hear the space that the instruments are in as clearly.

The MEC also has a wonderful headphone amplifier.

The ASIO also allows the C16 to be used as a controller with an ASIO host.

A 4 card PARIS system with 4 loaded MECs can provide 96 inputs or outputs at a fraction of the cost of any other system if that much I/O is needed.

Plus, I don't see the choice between using PARIS.exe and the ASIO as one or the other. If I'm tracking, I like PARIS.exe. Mixing, I might prefer Reaper because of the flexible busing and because it supports newer VSTs that won't run in PARIS.exe. Reaper will spread VSTs over all available CPU cores, while PARIS.exe has thread-safety issues. Reaper allows virtual instruments/synths that require lower latency than PARIS.exe can provide. If I need to do audio to video, I can't do that in PARIS.exe at all. The ASIO opens up possibilities without needing to buy another interface.

I also like to listen to my music collection (which is all in flac) using Windows Media Player using its ASIO plugin through the PARIS hardware.

So, sure, one can buy a different sound card and control surface instead of using the ASIO driver with PARIS. But, that costs a lot more, and in my view, isn't as good.

All the best,

Mike

Subject: Re: Please explain the real benefits of ASIO and Paris !!!
Posted by ilovemusic on Sun, 20 Jan 2019 15:15:40 GMT
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Hello!

Thank you for the thorough explanation!

I would like if possible to add a couple of questions if you please.
Can someone use the asio driver with a 442 interface or even the small one (two ins two outs) and if so, with how many audio tracks say with Cubase ?
I remember that a dsp pci card had only 16 audio tracks cabability.

Will I be able to just use a simple 442 or the small interface and have say 32 audio tracks or even 48 with any vst (Cubase and pc wise) just by using one pci card, or would I need a MEC with more cards?

Thanks again!
I really do appreciate what you are doing!!!

Ilovemusic

Subject: Re: Please explain the real benefits of ASIO and Paris !!!
Posted by mikeaudet on Sun, 20 Jan 2019 15:48:13 GMT
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Hi Ilovemusic,

The driver supports the MEC or 442. It supports the IF2 if it's connected to an MEC or 442, but not if it is connected directly to the EDS card.

The driver allows 24 streams of audio per card, but that has nothing to do with track count, just the I/O count. You can use a total of 24 inputs or outputs per card (18 at 32 samples, 24 bits, 24 for all other combinations). I suspect most people will use 2 outs and 1 or 2 inputs at a time, but it is possible to use 2 outputs and 22 inputs at once if you are recording a large band. Or, you could use 24 outputs at once if you are mixing with a console.

With ASIO, all the audio mixing is done inside the host application on the PC's CPU. So, the number of tracks/VSTs that can be used is a function of the host application and computer speed. It could be in the hundreds of tracks and VSTs on a fast enough PC with the right ASIO host application. The PARIS ASIO driver is as efficient as humanly possible. There is no additional processing of any kind done during the buffer switch. So, it will provide as many tracks as the host application and computer can provide.

I hope this help!

All the best,

Mike

Subject: Re: Please explain the real benefits of ASIO and Paris !!!
Posted by ilovemusic on Mon, 21 Jan 2019 16:22:20 GMT
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That is great info!
Is there any working pci expander for one pci card that would connect to a laptop with pcmcia cardbus, the old one.
I am looking but virtuvia does not sell them I guess anymore...
Thank you for all the info!
I will certainly get your asio drivers!
Thanks again!

Subject: Re: Please explain the real benefits of ASIO and Paris !!!
Posted by kerryg on Thu, 24 Jan 2019 00:01:32 GMT
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Oh, damn, I think I just got rid of a 1-card Magma chassis with an old-style laptop card interface. I'll check to see what the person I gave it to wants to do with it.

Subject: Re: Please explain the real benefits of ASIO and Paris !!!
Posted by Kim W. on Fri, 25 Jan 2019 21:51:00 GMT
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Hi Ilovemusic.
There is a thread about expansion options using a four PCI card which can be housed in any old PC case. It is Identical to the VirtuaVia system, and is marketed by ExSys. There are host cards for use with laptops. Certainly the new mini PCI bus, not sure about PCMCIA. Exsys sell the components on Ebay as well as from the distributors in Germany.

Here is the thread:

http://paris.kerrygalloway.com/index.php?t=msg&goto=1084
97&S=9990b76b476a454e8243f8c3574ea13f&srch=virtua#ms g_108497

This may be a solution for you.

Cheers,

Kim

Subject: Re: Please explain the real benefits of ASIO and Paris !!!
Posted by ilovemusic on Sat, 26 Jan 2019 01:19:32 GMT
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Thank you!