
Subject: *****PARIS Heartbeat Released*****
Posted by [Mike Audet](#) on Sun, 27 Jul 2008 14:43:41 GMT
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Hi All,

The metronome is done!!!

Heartbeat allows for 5 tempo and time signature ranges. It produces a very short, cross-faded sign wave that is so short that it sounds like a click.

The frequency of the tone is selectable via the "Tone" knob. The "Bar" and "Beat" knobs show the current bar and beat of the project. The "Offset" knob allows adjusting the metronome so that it is in synch with a MIDI sequencer that might be slightly delayed due to driver latency.

Available at ensoniq.ca

Cheers!

Mike

Subject: Re: *****PARIS Heartbeat Released*****
Posted by [kerryg](#) on Sun, 27 Jul 2008 20:52:12 GMT
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Mike, you rock!

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<http://www.kerrygalloway.com/WikiPARIS/wikka.php?wakka=VkCompressor> - so rather than wasting time creating a new entry from scratch, double click on that page, copy, paste to the new plugin page you're working on and change a) title, b) Mike's comments, c) URL for the image, and d) all references to the Variable Knee Compressor" to appropriate ones.

6) You don't have to worry about the "Controls Explained" or "Bugs/Peculiarities" or "Suggested Applications" entries unless you want to - we can add more info once the basic framework is complete. Having said that, if you have things you've discovered about the plugins, by all means!

Great work, Mike!

- Kerry

On 7/27/08 7:43 AM, in article 488c899d\$1 @linux, "Mike Audet" <mike@...> wrote:

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Subject: Re: *****PARIS Heartbeat Released*****
Posted by [Mike Audet](#) on Sun, 27 Jul 2008 21:40:49 GMT
[View Forum Message](#) <> [Reply to Message](#)

Thanks, Kerry!

I just managed to compile the Paris Studio Control Library, and I filled the ADAT cpp file with debug code. I make no promises, but I hope to fix

it.

All the best!

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Kerry Galloway <kg@kerrygalloway.com> wrote:

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Subject: Re: *****PARIS Heartbeat Released*****
Posted by [Tom Bruhl](#) on Mon, 28 Jul 2008 00:27:03 GMT
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ah hummmmmm...

Mike, did you say you're working on the multi ADAT card bug in XP? Or even the ADAT sync issues? I was excited just to hear the metronome was finished so quickly!

Wow,
Tom

"Mike Audet" <mike@...> wrote in message news:488ceb61\$1@linux...
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Subject: Re: *****PARIS Heartbeat Released*****
Posted by [Mike Audet](#) on Mon, 28 Jul 2008 12:51:00 GMT
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That's what I'm after. :)

I did a ton of debugging last night, and I'm almost positive that I tracked it down to a timing problem in adat.dll. adat.dll was never updated as part of the update to the PSCL that was released with the driver. Also, it returns error code 7, which means that something timed out while it was waiting for the module to respond - it probably didn't wait long enough. let's hope that's all it is.

Cheers!

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Subject: Re: *****PARIS Heartbeat Released*****
Posted by [Aaron Allen](#) on Mon, 28 Jul 2008 13:03:35 GMT
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Given what I've seen and learned about Paris in the last decade, I'd say you probably hit it right on the head. I was told years ago that it was a timing bug that Ensoniq had timed the hardware searches off the CPU clock, and due to the huge change since then in that as a clock 'standard' (IE, pentium 200 vs pentium III/IV) for said searches it had to have a loop placed in it to allow things to be found w/o timing out the initialization of the hardware. This was the explanation given for why does XP take SO long to boot in comparison to opening Paris in aWinME/98.

AA

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Hi James,

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What chips are they? I'd give it a try.

Cheers,

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"James McCloskey" <excelsm@hotmail.com> wrote:

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Subject: Re: *****PARIS Heartbeat Released*****
Posted by [kerryg](#) on Mon, 28 Jul 2008 19:39:28 GMT
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Are the EPROMS in sockets, or soldered to the boards?

That strikes me as pretty close to a "must have" upgrade, and if your speculation turns out to be correct, it sounds to me like some enterprising PARIS user with electronic skills might be able to make some side money upgrading ADAT cards for we of lesser skills.

- Kerry

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Posted by [Tom Bruhl](#) on Mon, 28 Jul 2008 19:43:59 GMT
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Mike,
I know my buddy who has fixed three Mecs with a smoked chip
will do the same for the ADAT cards if the proper chip is found.

I'd be all over that one.
Tom

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>>>> Available at ensoniq.ca
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>>>> Cheers!
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>>>> Mike
>>>
>>
>

Subject: Re: *****PARIS Heartbeat Released*****
Posted by [excelav](#) on Mon, 28 Jul 2008 20:08:41 GMT
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I haven't looked at the Adat card in sometime, but I think it's a socket.
My thinking was, If you could pop in the 24bit version of the Alesis chip
and you could get the PARIS software to recognize the 24bits, that would
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and...

I originally asked that question back in 98 or 99.

"Mike Audet" <mike@...> wrote:

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Subject: Re: *****PARIS Heartbeat Released*****
Posted by [Tom Bruhl](#) on Mon, 28 Jul 2008 20:09:59 GMT
[View Forum Message](#) <> [Reply to Message](#)

James said:
"I originally asked that question back in 98 or 99."

Ya except now there's somebody who gives a s _ _ _.

Thanks Mike,
Tom

"James McCloskey" <excelsm@hotmail.com> wrote in message
news:488e2749\$1@linux...

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Subject: Re: *****PARIS Heartbeat Released*****
Posted by [kerryg](#) on Tue, 29 Jul 2008 00:42:30 GMT
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I put a little research time in today looking for choices for an upgrade of that chip and drew a blank. Got any leads? This is an extremely interesting development, I'd gamble a few bucks on being a guinea-pig.

- Kerry

On 7/28/08 1:08 PM, in article 488e2749\$1 @linux, "James McCloskey"

<excelsm@hotmail.com> wrote:

>

> I haven't looked at the Adat card in sometime, but I think it's a socket.
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>>
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Subject: Re: *****PARIS Heartbeat Released*****
Posted by [Mike Audet](#) on Tue, 29 Jul 2008 00:47:38 GMT
[View Forum Message](#) <> [Reply to Message](#)

Thanks, Tom. I do what I can. :)

"Tom Bruhl" <arpeggio@comcast.net> wrote:
>James said:
>"I originally asked that question back in 98 or 99."
>
>Ya except now there's somebody who gives a s _ _ _ .
>
>Thanks Mike,
>Tom
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>"James McCloskey" <excelsm@hotmail.com> wrote in message
>news:488e2749\$1@linux...

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Subject: Re: *****PARIS Heartbeat Released*****
Posted by [Aaron Allen](#) on Tue, 29 Jul 2008 01:22:17 GMT
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I could be wrong, but I thought in the past it was discussed that the software has nothing to do with the bitrate, other than switching 16 or 24 bit capture? IIRC, that was discovered when the project to make AES modules out of IF2's was being pursued.

AA

"Tom Bruhl" <arpeggio@comcast.net> wrote in message news:488e2322@linux...
> Mike,
> I know my buddy who has fixed three Mecs with a smoked chip
> will do the same for the ADAT cards if the proper chip is found.

>
> I'd be all over that one.
> Tom
>
> "Kerry Galloway" <kg@kerrygalloway.com> wrote in message
> news:C4B36E80.B416%kg@kerrygalloway.com...
>> Are the EPROMS in sockets, or soldered to the boards?
>>
>> That strikes me as pretty close to a "must have" upgrade, and if your
>> speculation turns out to be correct, it sounds to me like some
>> enterprising
>> PARIS user with electronic skills might be able to make some side money
>> upgrading ADAT cards for we of lesser skills.
>>
>> - Kerry
>>
>> On 7/28/08 11:35 AM, in article 488e116e\$1@linux, "Mike Audet" <mike@...>
>> wrote:
>>
>>>
>>> Hi James,
>>>
>>> I'm bringing a DVD with the entire virtual MAC to a friend's house
>>> sometime
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Subject: Re: *****PARIS Heartbeat Released*****
Posted by [kerryg](#) on Tue, 29 Jul 2008 02:52:31 GMT
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That makes sense. If the ADAT card and the .dll passed 24 bits OK, what could the PARIS app have to complain about? It'd make sense for it to just see it as another 24-bit input, like one coming off an 8i card.

- Kerry

On 7/28/08 6:22 PM, in article 488e72a2\$1 @linux, "Aaron Allen" <know-spam@not_here.dude> wrote:

> I could be wrong, but I thought in the past it was discussed that the
> software has nothing to do with the bitrate, other than switching 16 or 24
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> "Tom Bruhl" <arpeggio@comcast.net> wrote in message news:488e2322@linux...

>> Mike,

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>>> On 7/28/08 11:35 AM, in article 488e116e\$1 @linux, "Mike Audet" <mike@...>
>>> wrote:

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Subject: Re: *****PARIS Heartbeat Released*****
Posted by [excelav](#) on Tue, 29 Jul 2008 06:03:21 GMT
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Kerry, this was a custom Alesis Adat chip. The first step would be to contact Alesis and inquire about buying a later version of the chip that was designed for 24bit. They use to have an OEM partner department for all the ADAT partners. I'm sure they still do licensing and sell OEM parts. There may be somebody still around that worked with Ensoniq when they supplied them with the chip. It's going to be a long shot, but it's worth a try. Maybe they can look the chip up and tell you what the last version on that chip was and give you a spec sheet or technical white paper on it. The newer replacement chip might be used in products like AI1-4, the Masterlink, or the Adat HD24. FYI, I think you will get farther if you approach them as a company, than as an individual.

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