Subject: Pops, small and mysterious
Posted by Brian Carter on Fri, 27 Apr 2007 21:12:30 GMT
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Hi all,

Been a while since I last posted just to say "hi", but now I'm back in PARIS world again, bouncing things from analog to digital and back again. It's a great way to work, but I'm having a real problem with pops. These pops are unusual in that, if one opens a project file, they appear at certain times during playback; however closing and re-opening the *same* project produces these

little pops in different places during playback. When keeping the same project open and playing through the song multiple times, they seem to remain stable.They're also unusual in that they're very small and hard to find within the waveform, but once you find them, you can open up a millisecond of empty space (with perhaps a millisecond of crossfade before and after) and they're effectively eliminated, usually but not always without audible effect.

I use an external clock, so of course I've tried PARIS' internal clock both during playback, but this didn't seem to help. I've tried re-transferring the files from analog 16-track several times, but it doesn't seem to be an A/D converter issue, since this didn't help. I've tried using different hard drives to stream the files, to no avail. I've tried using a different MEC for output to my console (I'm mixing out of the box) with no improvement (the other MEC also provided a chance
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but I don't think I've tried that yet. (There were lots of things to try, obviously!) I've tried opening different Project files, too (that is, the Project file I'm working on, not the Default Project).

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any MEC, using any clocking scheme during transfer or playback, using any hard drive for transfer or
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I'm out of steam. Can anyone (DJ, I'm looking in your direction) *possibly* come up with a few more possibilities as to what might be wrong?

Thanks ever so much in advance!

bc

Subject: Re: Pops, small and mysterious
Posted by Aaron Allen on Sat, 28 Apr 2007 00:08:26 GMT
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"Brian Carter" <bricrter@spammitymindspring.com> wrote in message
news:bricrter-062E64.16123027042007@cust0358.vic01.dataco.com.au...
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Subject: Re: Pops, small and mysterious
Posted by Neil on Sat, 28 Apr 2007 00:31:46 GMT
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I thought that too, but then I read the part about the pops
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What could make that happen?

Neil

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Subject: Re: Pops, small and mysterious
Posted by Tom Bruhl on Sat, 28 Apr 2007 05:24:50 GMT
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This is a multi-part message in MIME format.

------=_NextPart_000_003C_01C78934.03EFF270
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Hey Brian,
Got a spdif cable plugged into something that's not turned on?
That'll do it.
Tom
 "Neil" <IUOIU@.com> wrote in message news:463295f2$1@linux...

 I thought that too, but then I read the part about the pops
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I choose Polesoft Lockspam to fight spam, and you?
http://www.polesoft.com/refer.html
------=_NextPart_000_003C_01C78934.03EFF270
Content-Type: text/html;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Transitional//EN">
<HTML><HEAD>
<META http-equiv=3DContent-Type content=3D"text/html; =
charset=3Diso-8859-1">
<META content=3D"MSHTML 6.00.2800.1400" name=3DGENERATOR>
<STYLE></STYLE>
</HEAD>
<BODY bgColor=3D#ffffff>
<DIV><FONT face=3DArial size=3D2>Hey Brian,</FONT></DIV>
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<BLOCKQUOTE=20
style=3D"PADDING-RIGHT: 0px; PADDING-LEFT: 5px; MARGIN-LEFT: 5px; =
BORDER-LEFT: #000000 2px solid; MARGIN-RIGHT: 0px">
  <DIV>"Neil" <<A href=3D"mailto:IUOIU@.com">IUOIU@.com</A>> wrote =
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I choose Polesoft Lockspam to fight spam, =
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------=_NextPart_000_003C_01C78934.03EFF270--

Subject: Re: Pops, small and mysterious
Posted by Robert on Sun, 29 Apr 2007 01:00:19 GMT
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Brian, I had the exact same problem a few years back, turns out it was RAM,
swapped it and pops were gone.
I am on a PC thow.
Good luck.
Rob

"Brian Carter" <bricrter@spammitymindspring.com> wrote in message
news:bricrter-062E64.16123027042007@cust0358.vic01.dataco.com.au...
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> Thanks ever so much in advance!
>
>
> bc

Subject: Re: Pops, small and mysterious

It seemed to me that I remembered someone having similar problems a while back, and finally realizing that their power supply was bad. Seeing as how the *exact* same problems seem to surface when using either one of my EDS cards, I think this may point to powe supply issues.

Thanks for the reply, Aaron... much appreciated.

bc

"Aaron Allen" <know-spam@not_here.dude> wrote:
>wierdo problems like that I've usually seen linked to heat/power supply

>issues..
>AA
>
>
>"Brian Carter" <bricrter@spammitymindspring.com> wrote in message
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Subject: Re: Pops, small and mysterious
Posted by Brian Carter on Sun, 29 Apr 2007 17:12:29 GMT
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You know, one of the things I tried was disconnecting my S/PDIF cable's loop from input to output on MEC A's S/PDIF connectors. This is set up, as you might imagine, to do the "Brian Tankersley Digital Bounce" technique. Unfortunately, this didn't seem to help. After doing this I noticed that clearing MEC module cards in the MEC module window (not just clearing connections in the patchbay) made them re-initialize themselves, or at least so it appeared (the lights on the 8-in cards flashed). I then got the idea to try clearing the connection from S/PDIF in to out in the patchbay as well, also to no avail.

I may not have tried disconnecting my ADAT cable, but I think I did. I tried to write down *everything* I'd done so far, but I should've bee ntaking notes at the time (of course I kept thinking the solution was just around the corner, so I had to do "pos-operative" notes from, uh, memory and stuff).

bc

>Tom Bruhl wrote:

Hey Brian,
Got a spdif cable plugged into something that's not turned on?
That'll do it.
Tom
>

>> "Neil" wrote in message news:463295f2$1@linux...

I thought that too, but then I read the part about the pops showing up in the waveforms, but then moving, and then I didn't know what to think.

What could make that happen?

Neil

"Aaron Allen" wrote:
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>"Brian Carter" wrote in message
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Subject: Re: Pops, small and mysterious
Posted by Brian Carter on Sun, 29 Apr 2007 17:16:19 GMT
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Wow! No shi-- I mean, really?

I just might be able to find a friend with some PC133 SDRAM modules to try this out.

Of course the "TechTool" application that's supposed to test ffor bad RAM says it's fine. Well, who knows?
I've already tried cleaning the RAM sockets with DeOxit. I'll try once more, then it's on to new RAM.

Thanks, everybody, for your replies...

bc

"Robert" <mani1147AThotmaildotcom> wrote:
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