
Subject: Laptop noise
Posted by [TCB](#) on Sat, 09 Jun 2007 20:26:45 GMT
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Hey guys,

Here's a strange one. I use my laptop live sometimes. Usually it's great, no problems, quick setup, and a Ableton Live project with all of my stuff in it. However, sometime I have problems if the electricity is flaky at the venue. I get all kinds of noise and crap out of the laptop (I'm using an RME HDSP cardbus rig), and it's the laptop power supply. If I unplug the laptop and run it off the battery the noise goes away. Any guess why this happens and what to do about it?

Thanks,

TCB

Subject: Re: Laptop noise
Posted by [Morgan](#) on Sat, 09 Jun 2007 20:27:37 GMT
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Hi Thad - Yes , this is most likely a ground loop :)
Do you have audio coming in via a snake ?

Morgan

"TCB" <nobody@ishere.com> wrote in message news:466b0d05\$1@linux...

>
> Hey guys,
>
> Here's a strange one. I use my laptop live sometimes. Usually it's great,
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> RME HDSP cardbus rig), and it's the laptop power supply. If I unplug the
> laptop and run it off the battery the noise goes away. Any guess why this
> happens and what to do about it?
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> Thanks,
>
> TCB

Subject: Re: Laptop noise

Posted by [JeffH](#) on Sat, 09 Jun 2007 20:33:14 GMT

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TCB wrote:

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>

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> RME HDSP cardbus rig), and it's the laptop power supply. If I unplug the
> laptop and run it off the battery the noise goes away. Any guess why this
> happens and what to do about it?

>

> Thanks,

>

>

Sounds like a ground loop problem. Unplugging kills the loop. If you have a a three prong plug to your laptop PS, you might try one of those cheap orange adapter plugs from Home depot and the like. Worked with my old laptop.

Jeff

Subject: Re: Laptop noise

Posted by [Bill L](#) on Sat, 09 Jun 2007 21:25:58 GMT

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TCB wrote:

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> RME HDSP cardbus rig), and it's the laptop power supply. If I unplug the
> laptop and run it off the battery the noise goes away. Any guess why this
> happens and what to do about it?

>

> Thanks,

>

> TCB

I've had the same problem with my laptop. Thanks for the tip y'all.

Subject: Re: Laptop noise

Posted by [Bill L](#) on Sat, 09 Jun 2007 21:30:38 GMT

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Jeff Hoover wrote:

> TCB wrote:

>> Hey guys,

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> have a a three prong plug to your laptop PS, you might try one of those

> cheap orange adapter plugs from Home depot and the like. Worked with my

> old laptop.

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> Jeff

Come to think of it I have the same problem with my Tesla Roadster

<http://www.teslamotors.com/> when it's plugged in. The stereo makes all

kinds of noise and hums.

Subject: Re: Laptop noise

Posted by [TCB](#) on Sat, 09 Jun 2007 22:20:07 GMT

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Oh god, I'm such a moron. Of course it's a ground loop. I run two amps all the time so I know how to deal with this, I guess I just forgot that laptops, uh, kinda use electricity too and, you know, obey the laws of physics.

Give me a shout soon about doing a Steinberg night at ECCM. Maybe we can do a Focusrite Liquid Mix night too ;-)

TCB

"Morgan" <morganp@ntplx.net> wrote:

>Hi Thad - Yes , this is most likely a ground loop :)

>Do you have audio coming in via a snake ?

>

>Morgan
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>"TCB" <nobody@ishere.com> wrote in message news:466b0d05\$1@linux...
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Subject: Re: Laptop noise
Posted by [Graham Duncan](#) on Sat, 09 Jun 2007 22:21:48 GMT
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> Come to think of it I have the same problem with my Tesla Roadster
> <http://www.teslamotors.com/> when it's plugged in. The stereo makes all
> kinds of noise and hums.

Serious? Even if not, man that's cool.

;))

Graham

Subject: Re: Laptop noise
Posted by [Aaron Allen](#) on Sat, 09 Jun 2007 23:52:40 GMT
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First, try to lift the ground on the laptop power supply, or get a battery backup/conditioner to run on the road to feed the laptop. \$40 oughta get something decent for that purpose.

AA

"TCB" <nobody@ishere.com> wrote in message news:466b0d05\$1@linux...

>

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Subject: Re: Laptop noise

Posted by [Bill L](#) on Sun, 10 Jun 2007 12:29:32 GMT

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Boy, I wish. That's the first car I've gotten really excited about in years.

Graham Duncan wrote:

>> Come to think of it I have the same problem with my Tesla Roadster

>> <http://www.teslamotors.com/> when it's plugged in. The stereo makes all

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>

> ;)

>

> Graham

Subject: Re: Laptop noise

Posted by [TCB](#) on Sun, 10 Jun 2007 13:47:20 GMT

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Hey guys,

Thanks much. Of course it was a ground loop. As I mentioned to Morgan I use

two amps all the time live which means I have to deal with this stuff all the time, it just didn't enter my mind that a laptop would have the same issues. I'll just carry one of the cheater adapters with me and should be fine.

TCB

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Subject: Re: Laptop noise

Posted by [Morgan](#) on Sun, 10 Jun 2007 20:27:00 GMT

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Cool !

"TCB" <nobody@ishere.com> wrote in message news:466c00e8\$1@linux...

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