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Subject: Re: eliminating hummmmmArgh!  
Posted by [EK Sound](#) on Tue, 28 Feb 2006 22:22:50 GMT  
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If you have a bag full of cash laying around...

<http://www.furmansound.com/products/pro/blncd/it-20.php>

David.

Cujo wrote:

- > Ok, I was working whit a singer last night tryin out my NOS tube,
- > The mic was sounding nice, then I hear a faint hum.
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- > I am going to do some trouble shooting, but I am thinking about a conditioner,
- > I ahve heard they don;t do a hell of a lot though.
- > Anyone have any ideas?
- >

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Subject: Re: eliminating hummmmmArgh!  
Posted by [Tony Benson](#) on Tue, 28 Feb 2006 23:05:19 GMT  
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From what I've read, conditioners don't do a whole lot to reduce hum. A balanced power transformer unit is the way to go. It's near the top of my list of purchases this year. The Furman and Equitech stuff looks nice. There may less expensive options out there, but I haven't done any research on it yet.

Tony

"Cujo" <[chris@nospamapplemanstudio.com](mailto:chris@nospamapplemanstudio.com)> wrote in message  
news:4404cd89\$1@linux...

- >
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Subject: eliminating hummmmmArgh!  
Posted by [cujo](#) on Tue, 28 Feb 2006 23:24:09 GMT  
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Subject: Re: eliminating hummmmmArgh!  
Posted by [cujo](#) on Tue, 28 Feb 2006 23:36:08 GMT  
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perfect! Now I'll just forget the Purple Audio M77 I was thinking about.  
Hol;y crap. My luck and it wouldn't work!

EK Sound <askme@nospam.com> wrote:  
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Subject: Re: eliminating hummmmmArgh!  
Posted by [cujo](#) on Wed, 01 Mar 2006 00:19:54 GMT  
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Yeah, it may be the thing, I'll have to look in to it.  
For now, I'll try to hunt the source.

"Tony Benson" <[tony@standinghampton.com](mailto:tony@standinghampton.com)> wrote:

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>balanced power transformer unit is the way to go. It's near the top of my

>list of purchases this year. The Furman and Equitech stuff looks nice. There

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>yet.

>

>Tony

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>"Cujo" <[chris@nospamapplemanstudio.com](mailto:chris@nospamapplemanstudio.com)> wrote in message

>news:4404cd89\$1@linux...

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Subject: Re: eliminating hummmmmArgh!  
Posted by [cujo](#) on Wed, 01 Mar 2006 00:40:13 GMT  
[View Forum Message](#) <> [Reply to Message](#)

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A minor mystery, Seems liek the hum went wen I took down the tube mic and put it away.  
Although, patching the mic direct into paris did not give me the problem.  
But putting it into my compressor did, but then it seemed like patching any of the comrpessors in to paris gave me the hum. (even thought the mic was not patched in to it) The tube mic is plugged in in another room. My guess is someone in the area was messing with the power, but it could be due to the mic itself. More testing tomorrow. I'll put the mic back up.

"Cujo" <[chris@nospamapplemanstudio.com](mailto:chris@nospamapplemanstudio.com)> wrote:

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Subject: Re: eliminating hummmmmArgh!  
Posted by [erlilo](#) on Wed, 01 Mar 2006 07:58:58 GMT  
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I think you shall have a look in the Paris patchbay too. See if all in/outs are using +4. I had something similar a month ago and found out that the patchbay had switched to -10 unbalanced without asking me to do so:-) I think you shall have a look at the cables too, since I think my problem must be there, to see if there's some problems with one of the balanced cables. Another reason can be, if the compressor is unbalanced and the cables are too near a transformator on the way to and from Paris.

Erling

"Cujo" <[chris@nospamapplemanstudio.com](mailto:chris@nospamapplemanstudio.com)> skrev i melding  
news:4404df5d\$1@linux...

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---

Subject: Re: eliminating hummmmmArgh!  
Posted by [rick](#) on Wed, 01 Mar 2006 09:48:03 GMT  
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any florescent bulbs in the house...including those little ones?

On 1 Mar 2006 09:24:09 +1000, "Cujo" <[chris@nospamapplemanstudio.com](mailto:chris@nospamapplemanstudio.com)>  
wrote:

>  
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---

Subject: Re: eliminating hummmmmArgh!  
Posted by [Dimitrios](#) on Wed, 01 Mar 2006 09:51:22 GMT  
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Hum is coming from bad power supply design.  
I suspect that it is your mic's power supply.  
It needs more filtering inside with bigger electrolytics.

If you are not familiar or experienced with power supply mods don't try  
it !!

voltage and the anode voltage.  
I am pretty sure it uses 6V for filament so just before this 6V goes out  
of the power supply put a 3300-4700uF/16V electrolytic with negative to the  
ground.  
Same for anode voltage, might be 120V-170V so put a 22uF/250V there.

Hope this helps.  
Regards,  
Dimitrios

"Cujo" <chris@nospamapplemanstudio.com> wrote:

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Subject: Re: eliminating hummmmmArgh!  
Posted by [cujo](#) on Wed, 01 Mar 2006 14:35:52 GMT  
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All good ideas,  
I will check out more when I get home tonight.  
D, you think it is still the PS even though the mic was not humming when  
put stright into Paris? soething that t start to do when I plug into the  
comp?

How is the U47 project going?

"Dimitrios" <musurgio@otenet.gr> wrote:

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Subject: Re: eliminating hummmmmArgh!  
Posted by [Dimitrios](#) on Wed, 01 Mar 2006 16:52:09 GMT  
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I suspect yes.  
A not so great power supply shows its ugly head on some circumstances.  
Maybe compressor is unbalanced while Paris is balanced on its inputs.  
Hum nad noise is a vey strange thing.

Regarding my mic, thank you for the concern, yes it is ready.  
It sounds great looks very nice.  
I will soon will have a special website for it.

Regards,  
Dimitrios  
"cujo" <chris@nospamapplemanstudio.com> wrote:

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Subject: Re: eliminating hummmmmArgh!  
Posted by [Gary Flanigan](#) on Wed, 01 Mar 2006 17:58:14 GMT  
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A couple of years ago, just after the dot.com bust, I was able to purchase an Equitech balanced power conditioner for very little on eBay. It does a completely effective job or removing hum, noise, etc. and also has built in surge suppression. I wouldn't have ventured \$1K+ to find that out, but for \$300 I took the chance. Highly recommended.

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Subject: Re: eliminating hummmmmArgh!  
Posted by [cujo](#) on Thu, 02 Mar 2006 15:19:02 GMT  
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Hey D,  
Can't wait to see more about the mic.  
So this P/S mod, can say a Guitar amp repair guy handle it?

"Dimitrios" <musurgio@otenet.gr> wrote:

>  
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Subject: Re: eliminating hummmmmArgh!  
Posted by [Deej \[1\]](#) on Thu, 02 Mar 2006 17:41:50 GMT  
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I've got one of the older IT 1210 model around here. It definitely lowers the noise floor. I did have one preamp that was setting up some 60Hz racket and this thing cured it. O yeah, and it only weighs about 60 lbs.

;o)

"EK Sound" <askme@nospam.com> wrote in message news:4404ce94\$1@linux...

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