
Subject: If this keeps up I'll be watching TV
Posted by [Forty2wo](#) on Sun, 13 Mar 2005 00:32:17 GMT
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Tough day on the eastern front. I have been listening to Gunevere despite the fact I have more noise than I should. so today I thought I would try to track it down. most of it is 120hz and I am getting that hum that rises with volume but stops at max. Might be a little grid current flowing, I am not sure yet. so I thought before I drag out the scope. let's check the grounds and put some grid stoppers in. so I did. Now I have a lot of hum. As I have some new CDs I wanted to listen to I put the Nickel Wonder back in. All was well for a while, then the music stopped. A quick look, no glow. Bummer I must have lost the filament supply. Popped the top of the power supply, smoke, black acid dead transformer smoke. Seams with all the shifting, the drain wire of the interconnect broke free and shorted the 6V. I swear that transformer was cursed. But don't worry the fuse survived without a scratch...John

Subject: Re: If this keeps up I'll be watching TV
Posted by [cheetah](#) on Sun, 13 Mar 2005 01:02:23 GMT
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Yeah, Some days you wonder why you even got out of bed! Joe

Subject: I'm sorry to hear that
Posted by [colinhester](#) on Sun, 13 Mar 2005 01:23:03 GMT
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I'm so sorry to hear you toasted the Nickle Wonder Tx. That's very interesting about the noise you describe. That's EXACTLY what I've been trying to track down: noise increases with volume until max and then quite. Did this noise go away when you put the NW in? What do you think is going on?.....Colin

Subject: Well...
Posted by [PakProtector](#) on Sun, 13 Mar 2005 03:09:40 GMT
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The sensitivity of the hum to the volume control narrows things down significantly. I hate to use the catch all, 'grounding issue' but check to make sure the stuff which should be isolated actually is, and that your signal grounds all meet at the negative side of the volume pot. cathode return,

negatives from the RCA jacks(input and output). then take one connection to the capacitor's ground/negative lug.And thenagain, there is always the silly unknown. I did somethig which appeared to be completely unrelated to the linestage circuit and the hum I thought was ac filaments in my amp got remarkably quieter...regards,Dogulas

Subject: Re: I'm sorry to hear that
Posted by [Manualblock](#) on Sun, 13 Mar 2005 13:03:40 GMT
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Too much gain from the CCS?

Subject: Re: I'm sorry to hear that
Posted by [Forty2wo](#) on Sun, 13 Mar 2005 15:27:38 GMT
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Hi Colin, The Nickel Wonder, is a compleatly separate line stage. It uses the very same ground scheme and is dead quiet (now it's just plain dead)It's time to track this down in a systematic manner. I will let you know what I find...John

Subject: Re: If this keeps up Il'l be watching TV
Posted by [PakProtector](#) on Tue, 15 Mar 2005 11:35:48 GMT
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do you think you'l have the Nicel wonder up and running in time for the Meet on 26 March? maybe tell Ray, you're bringing Guinevere instead...Or is it still saveable? I do hope so, I want to hear it. also, it looks like the BK16's will make an appearance. Those little guys Rock! can't wait to try them with my PP HY69 amp, not to mention the 2Pi's...regards,Douglas

Subject: Re: If this keeps up Il'l be watching TV
Posted by [Forty2wo](#) on Tue, 15 Mar 2005 14:06:18 GMT
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That was the plan. I have orderd another xformer,,,John

Subject: Iron...

Posted by [PakProtector](#) on Tue, 15 Mar 2005 16:05:11 GMT

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or more specifically Fe-Ni...I went looking at those little guys as a source for nickel lams for an DIY choke project. They are only half-inch tongue...so I went to magmetals and see that cobalt(high flux density) and good nickel are available for 1". Now if I can get rid of some stuff, I'll get some new grid chokes wound. Movin' on up to 1kHz perhaps....One more piece for the amp project. You guys OK with getting an extra-special bit of signal Iron made? It'll cost a bit more, but I have a feeling that it will be more than worth it...regards,Douglas
