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Subject: rectifying the hum

Posted by [PakProtector](#) on Mon, 10 Oct 2005 01:08:15 GMT

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Hey-hey!!!, Seems that nothing is perfect enough in audio. I rigged the TX coupled pre with AC on its filaments and found it hum free. The previous linestage had DC everywhere, and a little bit of noise. I changed the active load tubes to AC and a lot of the fuzz went away. So, is AC better than DC? Is only DC quiet enough? Maybe... So, how to make good DC? More importantly, can I start with AC and leave room to build DC later? Man, that's a bit simpler (and potentially a lot lighter). I am seriously looking forward to removing about 10 lbs of filter iron from the 12B4 linestage. Oh well, it's been a fun weekend building and tweaking and of course listening with friends. Oh, seatbelt your amps when you travel...don't ask! cheers, Douglas

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Subject: Re: rectifying the hum

Posted by [Wayne Parham](#) on Mon, 10 Oct 2005 04:30:59 GMT

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Nothing is as pure as a regulated supply. Takes the parts count way up though. Then again, some amps are less sensitive to PS ripple. One of the three things I like best about PP is the PS common-mode ripple cancellation. The other two are harmonic distortion cancellation and damping, but those are different subjects altogether.