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Subject: Re: Nice Link on why SS may not work well with single driver

Posted by TC on Fri, 06 Aug 2004 00:43:35 GMT

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>>. But I like his approach and do find it interesting and amusing that suddenly the AA HE forum seems to like this better than the circuits I have been proposing for a few years. ==Amusing no doubt. Totally different approach AND results. They could not be more dissimilar. Notice in NP's design, ANY of his designs he never uses a passive element in the final output circuit (in series). The whole reason for his current source amp is to eliminate the negative electrical effects of these (passive) devices on the sound. Even his 4-way spkr uses 4 amps to deliver direct amp loop circuits with the voice coil, never to be damaged by extraneous compensation. He can hear the detrimental effects these have. You cannot push clarity through a resistor, although you can push a flat signal. That's also why he builds one of the world's most elaborate and expensive active crossovers, because you cannot mess with an output circuit of a conventional amp and maintain ultimate clarity. In his circuits the compensation affects the output yes, but only in the frequency current domain entirely without affecting back electromotive force (emf) into the amp circuit as do other circuits. And without any kind of the signal clouding effects of the ceramic resistor media needed to balance a hi Q driver as in example #3 which NP and myself agree would be detrimental to clarity. Once an output signal sees the ceramic matrix, it is split into smithreans never to be assembled correctly again. Far far better to adjust the circuit ANYWHERE but the final output circuit like before the amp (actively). So yes it's the same game of adding RLC to tailor response. Only he has changed the rules to maintain absolute clarity. Something passive circuits with conventional amps both tube and SS cannot do. >> Even Terry Cain seems to be excited! >> I get excited when I hear good sound. Especially sound so good that it \*IS\* exciting. Will I dump my SET collection? Not a chance. They are exciting too. TC-----

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