Subject: Nickel Wonder Line Stage
Posted by FredT on Wed, 17 Nov 2004 10:49:44 GMT
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Here's a cool design that Lee Roitberg of Simplicity Audio brought to the recent Lone Star Bottlehead meeting. My copy is beginning to take shape as parts arrive. Nickel core output transformers - no caps in the signal path! See the link to pictures of Lee's prototype and the schematic in the caption above my picture. You can build this one for a bit over $100 - less if you use inexpensive or reclaimed parts.
Nickel Wonder

Subject: Re: Nickel Wonder Line Stage
Posted by GarMan on Wed, 17 Nov 2004 13:37:59 GMT
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Simple and inexpensive. I like that. I can easily be done for under $100. Even if you use the more expensive Hammond power transformer.Fred, can you give a listening impression. The 124B is rated for only 150Hz to 15KHz, same as Hammond's 125 series SE output trans. However, a lot of people who have used the 125SE's believe it operates very well outside of specs. JE Labs confirmed that it's actually +/- 1dB between 20Hz to 20KHz. Wonder if its the same for the 124 P/P series?Gar.
JE Labs testing on 125ESE

Subject: Re: Nickel Wonder Line Stage
Posted by Wayne Parham on Thu, 18 Nov 2004 05:28:55 GMT
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Hi Fred,That's pretty cool! Thanks for mentioning it. I'll have to remember to check it out when I get more time.I love the looks of that Ella. The photo of it with glowing tubes is cool. The Nixon DAC and the Foreplay look nice too. I like the layout of the modified Foreplay.Cool stuff!Wayne

Subject: Re: Nickel Wonder Line Stage
Posted by BillEpstein on Thu, 18 Nov 2004 23:40:08 GMT
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Hey Fred, can you compare the sound of the KT-88's vs the EL-34's in Ella?

Subject: Re: Nickel Wonder Line Stage
Posted by thetubeguy1954 on Thu, 02 Dec 2004 18:01:45 GMT
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Hi Fred. I read your post, clicked on Nickel Wonder link and looked around. I eventually (after many pages came to the FredArray! \Is it yours? It suuuurrrrreeeee looks nice. Would love to hear an efficient array system with my amp. Unfortunately for me, I just don't have the knack for working with wood. Well I really posted because I wanted to say how nice those speakers looked and congrats is they're yours!Tom
Scata==========
Music never makes you sick but, noise always annoys.

Subject: Re: Nickel Wonder Line Stage
Posted by TubeCraft on Wed, 22 Dec 2004 12:33:31 GMT
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Hi y'all, my first post here.I'm using the 124B (driven parafeed by parallel sections of a 6n1p) as an IT in a single ended 6B4G amp. It sounds great. Neat trick in the nickel wonder, spinning it around "backwards" like that for a 3:1 step-down...I think it'd definitely better than specs say in that application because it's rated as a driver xfrmr - at 5 audio watts. Unless you're driving a class B or A2 stage ahead of it, it's not working nearly as hard as that.TC