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Subject: chip amps

Posted by [Ed Schilling](#) on Thu, 05 Feb 2004 15:28:46 GMT

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Guys, try the TDA 1514AU (Mine were Signetics). Stupid low distortion. Will run on +- 16-27 volts DC. +-24 is the best. 30-40 watts depending on supply voltage. Easy to build. Cheap, even using the "best" components. I used ultra high speed, soft recovery diodes in the power supply. A good thing. Speaker Builder published an article (by me!) on the ones I was building at the time. This was way back in 1991. I just sent my "best one" off to Pit Hinder. I was shocked when I looked at the date on the reprint of the article.....Hard to believe it has been that long....time flies.EdOH yea, WHEN you short one they blow cool little holes in the case and LOTS of smoke comes out. They must have really packed the smoke in those things.

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Subject: Re: chip amps

Posted by [Wayne Parham](#) on Thu, 05 Feb 2004 17:18:40 GMT

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>> They must have really packed the smoke in those things. That's an advantage the folks that still smoke have over the non-smokers. They can just blow the smoke back in when something bad happens and the smoke comes out.

TDA 1514A

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Subject: Application?

Posted by [GarMan](#) on Tue, 10 Feb 2004 02:48:45 GMT

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Ed, Would you recommend following the recommended application in the spec sheet, or are there better "proven" configurations? Gar.

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Subject: Re: Application?

Posted by [Ed Schilling](#) on Tue, 17 Feb 2004 02:14:54 GMT

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Gar, The recommended app. works just fine. I ended up omitting the input cap and the bootstrap components. They sounded better to me that way. I ran them on +-24 volts in the end but they also sounded fine on +-16. Hope this helps. Ed

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Subject: Tried a Powerwave yet?  
Posted by [mrgrits](#) on Sun, 14 Mar 2004 01:56:06 GMT  
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It seems to be impressing the hell out of me and others. It offers such tube warmth and palpability for such a low cost. The only problem is the low-level hum and artifacts which could be a big problem for high efficiency speakers. I use a pair of Klipsch Reference speakers and can hear the audible artifacts at 10 feet. (Normally, I use a Select.) Don't hear it long, though, as I pour program through it pretty quickly.

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Subject: Re: Tried a Powerwave yet?  
Posted by [Ed Schilling](#) on Fri, 26 Mar 2004 02:34:36 GMT  
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mrgrits, Ordered a Powerwave yesterday. Have you tried a different power supply? The other fellow that suggested I give it a listen did not mention anything about hum. He is testing it and my "favorite" speakers. He likes the combo so I had to get one! We shall see, and I will report. Ed

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