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Subject: 16ohm driver for 7Pi

Posted by [Kim Schultz](#) on Tue, 19 Jun 2007 05:08:03 GMT

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Hi Wayne.I got a couple of Altec 902 16ohm drives I would like to use instead of the original Eminence PSD-2002 drivers.But I have build the original crossovers with Jantzen foil inductors and Jantzen caps, and would like to reuse these quality crossovers.Can I just put a 15-16ohm resistor in parallel with the driver, or is there another way to make the crossover work with minimal replacement of parts.Maybe a redesign of the l-pad circuit.RegardsKim

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Subject: Re: 16ohm driver for 7Pi

Posted by [Wayne Parham](#) on Tue, 19 Jun 2007 16:47:24 GMT

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I haven't worked with those drivers, so I can't tell you specifically how much padding is required or if they are even suitable for this application. I expect they would be, but would feel better if I knew for sure. Still, here are some posts that will put you on the right path:16 ohm & 8 ohm

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Subject: Re: 16ohm driver for 7Pi

Posted by [Kim Schultz](#) on Wed, 20 Jun 2007 03:45:53 GMT

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Thx Wayne, as always you're very helpful.I did some measurements yesterday with and without a 15ohm resistor in parallel, and the only thing that seemed to change was the overall level .The response looked very much the same, with a little flatter top end response when using the 15ohm parallel resistor.I looked through your links to previous posts, and found the one where you suggest changing the l-pad and compensation circuit only. This is great news, and would make a cheaper and easier implementation of the drivers possible.Also I will play around with Spice a do some simulations to confirm what I see and hear.The Altec 902 driver sounds smoother and more natural than the PSD-2002, I will post measurement when I get them done.RegardsKim

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