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Subject: Re: Impedance rise in horns

Posted by [Bob Coley](#) on Mon, 14 Jan 2008 00:47:13 GMT

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Hello and thanks for the great reply. I learned a lot from you Wayne. Here's where I'm at with design. I building this enclosure arounds a TC Sounds TC3000. QMS 6.1Res 4.63BL 27.1Mms (grams) 373.00Cms uN/M 136.00Sd (m^2) .0820Vas 127.60Fs 22.35Qes .330Qts .313nO 4.16E-03SPL (dB) 88.19This driver has quad 1.4 ohm voice coils that I plan on wiring for a .35 ohm load. That's why impedance rise is so critical. I want to a play one tone and one tone only (51 hz). I know that if I use 2 1000 watt RMS amps and wire it that way I will likely cause more than just hearing damage if I miss that target frequency. Anyway, below there should be a basic diagram of what I'm looking at building. All the dimensions are outside dimensions. The depth will be 17". I'm planning on using 3/4" MDF, but would open to doubling the outside wall thickness if needed. Some of your thought would be great. Thanks again and have a great day.

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