Subject: please advice: 8 drivers, 95dB, 6ohm+
Posted by Dav on Wed, 04 Jan 2006 15:31:38 GMT
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To the LA gurus out there:I'd like to build a quasi array using 8 5" drivers and a single dome tweeter at its center. I've read Jim's paper and Im stuck with achieving the following goals:- 8 drivers per side- roughtly 95dB efficiency- minimum 6 ohm loadThe drivers i plan to use have 86dB eff each @ 8ohms.Doing the basic math described in Jim's paper, I 'best' I can do is 4 parallel groups totalling 98dB and 4 ohms. The only solution I can think of is to add series resistance (4ohms) to get down to 95dB and 8 ohm load.My questions are then:Is this a acceptable solution?Is series resistance a good approach?If so, should I use several equal resitors in parallel for proper resistor/power managememt?Is there another option/solution? Thank you all in advance!RegardsDave