Subject: Maybe the key is going in the other direction
Posted by Marlboro on Wed, 18 Jun 2008 15:16:05 GMT
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Perhaps, instead of using 3 inchers AND supplementing the high and the bottom, one should use HiVi 1 or 2 inchers, and just supplement the bottom?HiVi B1S 1" Shielded Aluminum Mid/TweeterAluminum alloy concave cones and square frames are the distinguishing features of the BS series. Magnetically shielded design allows use in center channel and other multimedia applications. The B1S has a polymer frame and foam surround. Specifications: *Power handling: 3 watts RMS/6 watts max *VCdia: 3/4" *Znom: 8 ohms *Re: 6.5 ohms *Frequency range: 1,000-15,000 *Fs: 180 Hz *SPL: 79 dB 1W/1m *Vas: .001 cu. ft. *Qms: 3.22 *Qes: .65 *Qts: .54 *Xmax: .95 mm *Dimensions: Overall Diameter: 1-7/16", Cutout Diameter: 1-3/8", Mounting Depth: 5/8"At a cutout of 1.36, one could put in 64 of them top to bottom in a 7.5 foot array. PE would probably sell them for $3.50 if one bought 128 of them, so the price would be $450. Then you need an array of 8 inch woofers. 8 inch aerogel woofers are on sale for $25 and they go down to 29 and up to 4000. Putting in an array of them is 9 of them or 18 total for another $450.If after doing this, one found that there was still no "air", one could always add a horn tweeter that would keep up with the spl of the Hi-Vi line, and not put you out more than another $200.Another choice? Only if you had money to burn, but it would be fun to try. You wouldn't even need a box for the HiVi line.Marlboro