
Subject: Hey Wayne, long time no talk!

Posted by [Adam](#) on Sun, 22 Jun 2008 03:53:23 GMT

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Hey Wayne, Thought I would drop by and see how things were going. Looks like business is good! How are things? I was wondering if you could help me design an exponential midrange horn for an Eminence Delta 10". Something to operate from roughly 250-2000 hz with a good amount of gain but also smooth response. The physical size of the horn isn't much an issue, although if I could keep the maximum height, width and depth to 24" that would be great. I would like to pair them up side by side, so I suppose the horn mouth area could be shared by two of the drivers side by side? I'd appreciate any help! Hope all is well Wayne. Drop me a line if you'd like on e-mail. celestion1384@hotmail.com Adam

Subject: driver specs

Posted by [Adam](#) on Sun, 22 Jun 2008 03:54:19 GMT

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In case you don't have them handy: Specifications: *Power handling: 350 watts RMS *VCdia: 2.5" *Le: 0.74 mH *Impedance: 8 ohms *Re: 5.42 ohms *Frequency range: 63-3,700 Hz *Magnet weight: 56 oz. *Fs: 66 Hz *SPL: 98.8 dB 1W/1m *Vas: 1.1 cu. ft. *Qms: 6.53 *Qes: 0.35 *Qts: 0.33 *Xmax: 3.5 mm * Dimensions: Overall Diameter: 10.09", Cutout Diameter: 9.05", Mounting Depth: 4.25". Adam

Subject: Re: driver specs

Posted by [Wayne Parham](#) on Mon, 23 Jun 2008 02:40:13 GMT

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Have you seen my midhorn? It is designed for Delta 10 drivers. It's made for indoors use though, so if you're going to use them outdoors, you might want to look at some horns I did for use in freespace. Check the links below. By the way, I don't know if you remember, but I've always used conical horns. I prefer their directional characteristics, so I've always used them instead of other shapes. Indoor midhorn Outdoor midrange/midbass horns
