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Subject: Re: Anybody want to build a DIY IDS-25 clone (somewhat cheaply)?

Posted by [Jim Griffin](#) on Tue, 13 Mar 2007 23:27:44 GMT

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Aaron, Go ahead and build a full range line array. You be amazed at the dynamics and power. I think that several 3-3.5" drivers are potential candidates for use in such an array. I like the HI Vi units (either the B3S or B3N available in either a square or round frame) and the Aura units (especially the N3-193-08) as the best compromise for a little bass. Of course the highs will not be crisp as you'll realize nor should you expect much bass even with heavy equalization. You'll need a good EQ unit with the 31 band analog versions as the low cost EQ leader while a proper digital EQ like the Behringer DEQ2496 would be the entry point to higher fi. A subwoofer (or a stereo pair) will be needed if you wish for real bass. Having the ability to measure the frequency will be really nice so you can tweak to a specific target. Everyone who wants to do a full range line array really needs to read about Darren Kuzma design in the Parts Express Showcase. It is at the associated link. Pay attention to the unequalized and equalized plots and decide if you like how they look. Once you are hooked on this array, you want to build a two-way unit with better performance. Jim

Darren Kuzma Line Array Project

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