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Subject: Re: Anyone Ever Tried These Drivers In Line Array ?

Posted by [Anonymous](#) on Tue, 12 Jun 2007 22:13:45 GMT

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>>There are zillions of these computer speakers popping up used >>on Ebay. I can't find any, unless you search 'monsoon' and you get three hits.>>Why don't I see anyone but VMPS using this driver ? Not many people build line arrays.RE: ribbon. The driver you talk about is a magnetic planar, it'snot a real ribbon tweeter. Don't worry, even manufacturers of theproducts generically call both technologies a ribbon when theyshare nothing in common. lol>>I see people talking about line arrays of super expensive Scan >>Speak and Seas drivers, but never see these drivers even mentioned.>>Shoot, I have seen pairs of the computer speakers sell on Ebay for>>50 dollars. That means only 25 bucks a driver, certainly cheaper>>then the expensive convetional drivers used in some line arrays.You can use a quality \$20 - \$30 cone midrange driver in a line arraywith great results. My budget array uses 49 cent buyout drivers. lolYou can use \$100 - \$200 midranges too. You can probably make the monsoon array work well too. But I'd buy one driver first to audition it and compare the sound to other drivers to get an ideaon where it stands.>>Now, if you say these drivers are only usable to 500 to 600 hz,>>HOW does VMPS cross over at 280 hz at only 6 db per octave ?A commercial product doesn't mean it's engineered well in spiteof what the brand image tells you. The reason I DIY is becauseI don't like store bought speakers, otherwise life would be soeasy just to talk into the store and buy something, you can takeup another hobby like fishing. heheheHypothetical. What if you used that driver for 500hz - 10,000hz operation. What are you going to use for low pass 500hz? Whatare you going to use for >10khz ?Lets assume that driver is indeed awesome and can play down to500hz with authority, but has a weak top end, what are you gonnado about it? Now you need another tweeter line, you need a midbassline to cover from subwoofer to 500hz. You open up a new can ofworms.On the other hand, you can take a simple \$30 Dayton 6" midwoofer,sealed and integrate with a subwoofer easy. Do you want to be a bassmaniac? Then port that Dayton midrange and tune to 45 - 55hz to getmore SPL. Use a \$4 - \$30 tweeter line and this simple 2 way loudspeaker can pretty much rule over commercial offerings thatcost in the \$20k - \$30k range, maybe more.

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