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Subject: Re: Why Are Some Line Array's So Midrangey And Foreward Sounding ?  
Posted by [FredT](#) on Wed, 14 Mar 2007 01:09:15 GMT

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I've heard several professionally designed line arrays including the Selah Audio XT-8, the GR Research Alpha LS, and Jim's Griffin's DEQX controlled arrays. These all combine high quality drivers with well designed and tested crossovers, or DEQX active room compensation, and all have sounded neutral to me. I also heard the 25 woofer ADS arrays, and with their dedicated equalizer they sounded neutral too. I once owned a pair of line arrays built with inexpensive metal cone drivers that sounded very forward. These used first order crossovers that failed to control the woofer cone breakup adequately, resulting in a 6dB peak around 3khz. A revised second order crossover with a zoebel, combined with a 2nd order tweeter crossover with a notch filter solved the problem.

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