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Subject: Re: Full range speaker  
Posted by [JLM](#) on Fri, 26 Dec 2003 12:49:30 GMT  
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That driver looks to be mixed bag:1.) Very good efficiency;2.) Good power handling capacity;3.) Ragged high end response (not unusual for extended range drivers);4.) Severe roll off above 15,000 Hz (to be expected from a large driver);5.) Severe off axis roll off of higher frequencies (again to be expected given the driver size);6.) Bass roll off starts around 150 Hz (quite unexpected from a 12 inch driver, and this in a cabinet!);7.) Specified bass response is severely overstated (this driver needs a sub that could use a smaller driver!);8.) With  $Q_t = 0.43$  this could be a good candidate for bass reflex, transmission line, TWQP, open/infinite baffle. Don't know the price (or recognize the brand) but a number of 4 - 8 inch diameter Fostex drivers that provide more extended frequency response with less beaming, but somewhat less efficient.

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