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Subject: Re: Plans for trap box 15 and horn

Posted by [Wayne Parham](#) on Mon, 30 May 2005 18:41:21 GMT

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I'd suggest one of two types, either a DI matched two-way or a three-way with a simple conical midhorn. The advantage of the two-way is simplicity and the advantage of the three-way is reduced bandwidth for each driver. Either will provide uniform coverage if done right, because the two-way is DI matched and the three-way is horn loaded down to a relatively low frequency. If the woofer is a JBL 2226 or equivalent, which seems to be the popular alignment for 15" pro woofers these days, then you'll want a cabinet between 2.0ft<sup>3</sup> and 5.0ft<sup>3</sup> tuned to 40Hz. Pick the port with the Helmholtz formula below and you're set.

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