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Subject: Re: Basshorns verses direct radiators - <i>It's a question of size.</i>

Posted by [granch](#) on Fri, 27 Jul 2007 02:14:10 GMT

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To Wayne & Bill: The Carvin LS 1802 is rated 3db from 30 to 150 hz and down 10 db at 24 hz. Sensitivity is 102 dB; Max pwr 1600 W continuous; 137 dB max SPL. Two units would improve those figures in the usual ways. However, the point raised about "projection" is of importance. The nearest audience will be 75 ft away up to a mile or so. The Carvins will be essentially radiating into 180 degrees horizontal and 90 or more vertically. For a horn to "project" it has to radiate in a more controlled pattern at low frequencies - hard to do when you are little. (I'm talking 25-50 hz) Tell me about the abilities of the 12pi, for example, in this regard.

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