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Subject: 3Pi Sensitivity

Posted by [Champion](#) on Thu, 21 Feb 2008 06:27:33 GMT

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Please excuse me for my ignorance - how can the 3Pi speaker achieve 98dB sensitivity when the Delta12LF woofer sensitivity is only around 95dB? Does it have to do with the cabinet design? On a different topic - what is the best way to paint the MDF cabinet? Using roller or a brush? And do I need to sand the whole box first before painting? Thanks.

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Subject: Re: 3Pi Sensitivity

Posted by [Wayne Parham](#) on Thu, 21 Feb 2008 17:49:15 GMT

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However, the raw Delta 12LF driver was rated in half-space and there is 3dB difference in the

hornsub is rated for half-space. These radiating angles were chosen because that is the way each

pairs or groups. That increased output by 3dB for each doubling of cabinets, if total electrical power remains the same. When voltage remains constant, there is 6dB increase when the number of cabinets is doubled. If placed against a wall, add 3dB. In a corner, add 6dB.

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