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Subject: Measurement

Posted by [Mike.e](#) on Tue, 16 Aug 2005 20:13:46 GMT

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If it sounds better to you, then that's what matters. Some would argue that, that's the only important issue. In 'high performance loudspeakers' edited by Martin Colloms, there is a section devoted to panel resonance and measurement. An enclosure is arranged so that only the panel resonances are 'heard' while the driver output is trapped in a chamber. The frequency response of the box is then plotted. Surprisingly, a 'reasonably well built' enclosure's output was only -12dB lower than the driver output at certain frequencies (near 100Hz from memory), and gradually reduced with increasing frequency. To me, your loudspeakers simply can't be coloured in anyway unless you want it to be a musical instrument. Linkwitz has gone without the box really, open baffle as have many.

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