
Subject: altec 604-8g in pi enclosure
Posted by [RBS](#) on Thu, 02 Aug 2001 19:18:50 GMT
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hi waynei recently picked up a pair of 604-8g drivers. they were originally in 3.5 cu ft vented boxes designed for soffit mounting andn in free space the bass rolled of starting at 150 Hz. any suggestions as to a pi aligned box. i'm thinking of a ported design in the corner. t/s parameters are as follows for the 604-8gfs: 28 HzRe: 7 ohmQts: .25Qms: 8.3Qes: .26Vas: 624LXmax: 3.8mmthanks allbob

Subject: Re: altec 604-8g in pi enclosure
Posted by [Wayne Parham](#) on Thu, 02 Aug 2001 22:30:15 GMT
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PiAlign suggests a 5.5 cubic foot box tuned to 42Hz using a port 9.5" long and 9" diameter. You can also make the port rectangular, 10.5" x 6" and 9.5" long. These are inside dimensions of the port, and also inside dimensions of a cabinet. No displacement volume has been added, so you'll want to offset some for the space taken up by the parts inside.

Subject: Re: altec 604-8g in pi enclosure
Posted by [DFaulds](#) on Fri, 03 Aug 2001 09:22:46 GMT
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Wayne,That sounds like a very tasty speaker. Any idea of the low end extension?Dave

Subject: Re: altec 604-8g in pi enclosure
Posted by [Wayne Parham](#) on Fri, 03 Aug 2001 09:59:08 GMT
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Nice flat response curve, not underdamped but not overdamped either. The -3dB point is 50Hz and -10dB at 38Hz.

Subject: Re: altec 604-8g in pi enclosure

Posted by [Jeff Robinson](#) on Thu, 09 Aug 2001 20:33:43 GMT

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You may want to check out the UREI 811 studio monitor design. They added another 15" woofer (from Eminence) with the 604-8G and these were one of the most popular large format studio monitors in the 80's. It is believed that the success of the UREI 811 actually contributed to the downfall of Altec by reducing demand for Altec monitoring systems. Jeff Robinson
