
Subject: Re: 7Pi Build 2014

Posted by [Wayne Parham](#) on Mon, 06 Oct 2014 19:09:49 GMT

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JCDC wrote on Mon, 06 October 2014 14:01 I think he played them without the extra (or any?) front gaskets.

Could the driver 'bottom' in such a situation? And then affect freq resp?
The midhorn gaskets aren't needed unless output is really high. And by "high" - I mean way past the level anyone would feel comfortable listening.

If pushed that hard, then the driver is pushed past its limits. One can go past xmax with those drivers without damage, but the sound quality plummets. So for hifi applications, an extra gasket isn't needed.

Besides, what we're seeing is a lack of HF content. I think that's where we need to concentrate.

At first, I thought we might have some sort of midhorn panel resonance because initial reports were that voices sounded distorted. I didn't even think the crossover was suspect, because I thought we were dealing with a buzz or something like that.

But after seeing measurements, I think just the opposite. I now think the problem is the compression driver or tweeter circuit. Measurements are showing that there just isn't any tweeter output.
