
Subject: Re: best driver for voigt pipes
Posted by [GM](#) on Sat, 17 Dec 2005 17:01:20 GMT
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>I guess that I will have to read the text of Voigt's patent again, but I don't see either the B-is-B or the LCN pipe matching the figures. But, then they could be easily considered correlaries of one or more of the figures.=====Greets!No, not per se since the written portion just gives an example, not a 'carved in stone' design like some folks have interpreted it, with the drawings indicating the various concepts not covered in the various Bell Labs/W.E. patents.=====>The terminology used today fits neither the physics or the history of pipe design. I guess this is my main point. Voigt pipes, MLTL's, TL's, TQWT's, back horn, corner horn, you get the picture. =====Well, the physics hasn't changed, not sure what you mean WRT history, and for sure the nomenclature has changed over time. ML-TLs, multiple resonant cavity (BP) designs were lumped in with 'reflex', Voigt pipes/any flavor of TL were lumped together as 'Acoustic Labryriths', and anything that had a positive expansion was a horn regardless of whether it had a reduced exit (vent) or not. =====>I agree with you (agreeing with me?) that the B-is-B is a corner loaded back horn. As such it works completely different from the LCN TQWT. So, I can't consider them the same or correlaries of each other.Anyway, keep me straight!Bob=====Right, though located as shown in his write-up it's just a folded BLH since it's too far from the corners/ceiling for proper loading, though my SWAG is they're close enough for some down around Fc. GM
