
Subject: Re: Beta 12LTA revisited

Posted by [Wayne Parham](#) on Thu, 11 Dec 2008 03:15:12 GMT

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The Beta 12LT works pretty well in boxes from 2.0ft³ to 9.0ft³ tuned to 35Hz. Port placement isn't usually an issue, unless of course there are relatively low-frequency standing waves within the cabinet that cannot be attenuated with stuffing. In that case, port and driver placement become important because response is affected by the standing wave nodes and how they line up in the cabinet. Tower cabinets longer than a couple feet are the ones I'd be mostly concerned with because they can act like transmission lines. That's fine if that's what you're designing, otherwise, at least be aware of their influence. In smaller cabinets, the port position doesn't matter too much, it is purely a Helmholtz resonator.
