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Subject: 10-4, Martin & Bob

Posted by [Ed Schilling](#) on Wed, 17 Aug 2005 12:42:38 GMT

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Martin, Thanks. We are in "agreement" (to quote some Rock Star).....for the most part. I have never designed a BR....nor have I heard one I could live with. Not sure why this is so, but it is. Playing warble tones I can not "see" the driver unload (in my favorite speaker) until the freq. is below audibility.....but I know it happens. Bob, Thanks, The TL's I have built seemed much as you described.....they did unload, but the freq. was low enough it did not seem to matter. I was under the impression this is a much bigger problem with a BR.....and also I am opposed to "wasting efficiency" with compensation networks or notch filters, when a single driver is used. Limiting the response below resonance seems reasonable to me in some cases. I don't do it as a general rule., however, because I seldom use a sub and simply prefer the sound of the speakers with no filters or components in the signal path, at least in the case of my "favorite" speaker. I do use a HP filter on my TV system.....but those are ONE INCH full range drivers! They MUST be rolled off at about 200 Hz to have any power handling at all! Thanks, guysEd

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