
Subject: Re: 2nd order Butterworth vs 3rd order Butterworth

Posted by [spkrman57](#) on Wed, 21 Aug 2002 11:43:40 GMT

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Wayne, Thanks, You pretty much told me what I need to know. I am guessing that using the 2nd order BW's I can use the same attenuation values for the 2nd order as the 3rd BW's. I am working on a project with JBL 2226J and Altec 288C (loaded with 16 ohm "G" diaphragm) into 311-60 horns (they are aquaplas coated and don't ring like 511/811's). For 2nd order BW's @ 600hz, I have following info: 6mh and 12ufd, I am figuring 115db horn - 97db woofer = 18 db attenuation. I have not yet considered the cap for compensation yet as I want to hear the system straight up first. (breadboarding at this point) I wish JBL had included the l_e for the 2226J on their sheet/for 4 ohm .92mh/for 8 ohm 1.75mh and 16 ohm was omitted. I looked at your site for this info. I am guessing around 3mh might be figure. I need for zobel/cap and resistor. would appreciate if you could derive this info for me. Thanks, Ron