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Subject: Re: Aluminium vs plastic horns, third-order vs fourth-order crossovers...  
Posted by [ToFo](#) on Wed, 20 Aug 2003 20:55:40 GMT

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Hi Magnus, Accounting for your size issue I think you may have picked some of the best parts for the job. While I have no experience with the parts you are considering I have considered this combination myself. Both companies have detailed documentation describing product performance, a very good sign. The parts perform well on paper. They show a fairly smooth and extended frequency response with the expected moderate roll-off at the top of the band. These seem to be well behaved parts designed to cover the appropriate frequency range. With proper damping and compensation they should sound great. I can't get too technical about crossovers, but I can tell you that 2nd order w/ zobel low pass and third order high pass w/ compensation is working great for me. I get great summing and can sit, stand, or walk around with good sound. Since you choose parts that have classic normal behaviors, and since you use spice, you do not have to worry as much about going with unknown combinations. Please let us know what you learn. It is always good to know about great working horn and driver combinations. As for the aluminum horns, they are strong and look great, so stick some damping sheets on the back, they will be fine. Thomas F.