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Subject: Re: Horns, transmission lines and reflex cabinets

Posted by [Martin](#) on Sat, 20 Aug 2005 11:22:30 GMT

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When you place Lowther DX4s in transmission line cabinets, do you need to pad down the upper frequencies or does the cabinet bring up the bass sufficiently to match the upper frequencies so that no equalization is required? In all the designs I have built and measured, you need to pad down the upper frequencies with a correction circuit. The cabinet can be designed to produce bass equal in efficiency to the driver radiating into  $2\pi$  space. However, by placing the enclosure out in a room the baffle step will exist which requires correction. Martin

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