Subject: Re: Cyburgs Needle with FRS 8
Posted by roncla on Wed, 15 Jun 2005 20:53:51 GMT
View Forum Message <> Reply to Message

A basic TQWT, why the copyright? If you tune the length of the pipe below .707 x Fs it will make a very big dip in the lower FR. The lumpy response of the old Zigmahornet (without lots of stuffing) is the same and it was tuned for .707 x Fs. Been there , done that, got the hat and the T-shirt. And i didnt copyright anything, dont really need the money, my job keeps me in toys. When you first get into this hobby you may think that you have an original concept, but so many of the newer designs are a basic takeoff on concepts that were developed in the 1930s. The only new concepts i have seen are the likes of Tom Daniel , Martin King and the likes. Hell even my horn designs are based (or start out on the base) on the old concepts and aided by modern day computer pressure/wave sims, which refine the design.(add some Kentucky windage or SWAG in some cases). Lets face it, physics is physics. Either it works,in an acceptable manner, or it does not. An electromagnetic transducer performance is limited to its ability to make the cone move as close to the incoming sine wave as possible. Which is why i like low Qts drivers/BLHs as there is less mass to move and a stronger motor to move the mass. Let the horn do the LF response and provide loading on the cone to help break-up.ron