Subject: Midhorn drivers
Posted by Wayne Parham on Wed, 23 Mar 2011 15:47:05 GMT
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I tested the midhorn with a variety of drivers. In addition to the Delta 10, the Alpha 10 works well, as does the JBL 2012.

To be honest, I haven't found a driver smaller than 10" that worked well. I would have expected to be able to use an 8" driver, but I tried several and never found one that I liked. Some get really lumpy on the low end. This even when the throat is made smaller and the flare adjusted to match.

You really need to raise the lower cutoff to use a smaller driver on a horn with this general pattern and shape. If you're comfortable with 500Hz bottom end, for example, then a 6" to 8" driver can be made to work well in a scaled version of this 90°x40° CD horn.