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Subject: Conical midhorns with 6" and 8" drivers

Posted by [Wayne Parham](#) on Tue, 27 Feb 2007 18:54:53 GMT

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I evaluated the Eminence Alpha 6, LA6-MB, LA6-MR, LA6-CBMR, Alpha 8 and Beta 8. Some I simply modeled, and found them too far out of line to be worth building a physical model to test. Some I decided would be worth building a prototype to measure, but ultimately found various things that prevented me from choosing any of those drivers. The problems I encountered were peaky response or too little lower midrange extension for my purpose. However, Adrian Mack used the Alpha 6 and was pleased with its performance. Response didn't go low enough for what I wanted to do, but his horn looked great to me and I expect it probably sounded good. Check out Adrian's posts in the links below:  
[Adrian Mack's tractrix midhorn development thread](#)  
[Midhorn driver selection](#)  
[Hornresp questions](#)  
[Adrian's early Hornresp models for his tractrix midhorn](#)  
[Adrian considers the Alpha 6 driver for his midhorn](#)  
[Adrian Mack learning my crossover models in Spice to design the crossover for his speakers](#)  
[Adrian describes his overall cabinet design plan](#)  
[Adrian finishes making a physical model of his tractrix midhorn](#)  
[Adrian posts measurement results of his tractrix midhorn](#)  
[Discussion about summing between subsystems](#)  
[Adrian contemplates going with a conical midhorn](#)  
[Adrian considers using the Pi crossover with a conical midhorn](#)  
[Adrian builds a prototype conical midhorn](#)  
[Adrian measures his conical midhorn](#)  
[Adrian measures a completed midhorn, settles on this design](#)  
[More measurements of Adrian's midhorn](#)  
[Adrian decides on the rear chamber for his conical midhorn](#)  
[Adrian's speakers come together](#)  
[Adrian's speakers getting closer to completion](#)  
[Adrian concerns himself with speaker placement](#)

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