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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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