Subject: Re: Adire Tempest horn sub
Posted by Bill Fitzmaurice on Tue, 07 Sep 2004 12:18:48 GMT
View Forum Message <> Reply to Message

The main problem here is that horns work best when you use a small driver with a large horn. This design does the opposite, using a large driver in a box that's too small to allow a proper development of the horn. Back when this design came out in the early '70s it was useful, since back then you didn't have long throw high BL tens and twelves, and you had to use a fifteen by default; as limited as the design was it was better than a reflex box in terms of extension and SPL, so it had value in pro-sound where a 50Hz F3 is useful. But todays drivers have pretty much rendered the whole idea of using a 15 in a horn loaded box to the heap. Smaller drivers allow more horn from the same size box, with an attendant increase in performance.