
Subject: Theater seven pi corner horn
Posted by [CSHalle](#) on Fri, 19 Mar 2004 13:59:25 GMT
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Hi,I was wondering if the Theater seven pi corner horns would be a good option for me. I listen mostly to classical music (Mahler, Strauss, Schoenberg, etc.) and acoustic jazz. My dedicated listening room is only 204 square feet (17' X 12' X 7') - the room being located in the basement. I currently own a SS amp (Cambridge A500), but I'm planning to buy a pair of Paramour. I'm also dreaming of getting a pair of Edgar or Martinelli's wood horn. What do you think ?Thank you,CS Halle

Subject: Re: Theater seven pi corner horn
Posted by [Wayne Parham](#) on Fri, 19 Mar 2004 17:10:39 GMT
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Naturally I'm biased but I think you'll be very pleased. Many people use the Martinelli horns on top. I've also got a midrange horn that I'll be offering very soon and you can easily incorporate it into the design by putting it on top too. No crossover needed on this mid horn, so you can just horns or cornerhorns. More to come in just a few days.

Subject: Thank you ! (nt)
Posted by [CSHalle](#) on Fri, 19 Mar 2004 20:28:57 GMT
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Subject: Re: Theater seven pi corner horn
Posted by [Adrian Mack](#) on Fri, 19 Mar 2004 23:25:12 GMT
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Hey Wayne> No crossover needed on this mid horn, so you can just drop the > crossover cornerhorns.Surely there must be a highpass filter to prevent frequencies below cutoff from entering the horn and using up all the excursion? Like a subsonic filter. Adrian

Subject: Midrange horn

Posted by [Wayne Parham](#) on Sun, 21 Mar 2004 02:52:29 GMT

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You could sure employ a high-pass filter to good effect, and especially when used in high-power sound reinforcement applications. But the horn is designed to use 10" drivers that handle several hundred watts and you can push 'em pretty low. So the upper and lower rolloff slopes can be used as crossover points instead. In fact, I had initially started this project with the JBL 2012 and Delta 10 drivers in mind, and that is still what the horn is primarily for. But it occurred to me during testing that it might be worth checking an Alpha 10 in one too. The rear chamber can be made into a vented system similar to a mini A7 and the horn would probably make a neat little two-way when paired with a compression horn. The horn itself doesn't provide much output below 100Hz, but the vented rear chamber would, so an Alpha 10 in these horns might make a fun little system too.
