

---

Subject: Push-Pull horns

Posted by [martin seddon](#) on Fri, 27 Aug 2004 12:30:37 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Hi,I recently built what I call a push-pull horn and would like to chip in with my own experiences. It started out with a large fibre glass 160Hz front horn for a Lowther PM2a. Then I made an L shaped 2.2m 7000cm<sup>2</sup> f/glass and ply horn for bass using a CA25FEY. I had cross over difficulties I didnt know how to solve and eventually adapted the horn to back load the Lowther. This was done by breaking the top round fibreglass section over to mate with the mounting plate on the fronthorn. So there are only 2 x 90 degree bends (using reflector plates. The driver sits in the throat of the backhorn - with no throat chamber.HornResponse predicted it would work down to 50Hz at c. 102 dB - and I think it may actually be true in practice - tho I havnt measured. It works much better than I expected - great bass integration. A

---