Subject: Pi Horn makes weird noise.
Posted by Torsten on Thu, 03 Feb 2022 18:14:46 GMT
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Hi,

We are also proud builders of a 12 pi horn.
But we're having some little problems if the panels are both on it sound not very good but when we pull the one with the heatsink "we don't made that yet but that side" then it goes like 2x louder?!
Is it correct that the speakers at parallel to each other like + - + and - - -
We really want to hear it full sound ;)

Subject: Re: Pi Horn makes weird noise.
Posted by Wayne Parham on Thu, 03 Feb 2022 20:07:49 GMT
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The drivers are run push-pull, so one side is reverse-connected. Make sure that you do this.

If you've connected it wrong, it will actually be louder with one driver disconnected.

So try to reverse-connect one of the drivers and see if that helps. Specifically, reverse-connect the driver that energizes the throat of the horn from the basket side of the cone.