Subject: Two Pi Bassreflex plan
Posted by ecc82 on Tue, 15 Apr 2025 08:43:09 GMT
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Hello Wayne,

I lost my plans for the 2Pi.
Is it possible to send the plan again?

Thank you very much and best wishes from Germany.

Frank

Subject: Re: Two Pi Bassreflex plan
Posted by Wayne Parham on Tue, 15 Apr 2025 16:22:34 GMT
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You've got mail!

Subject: Re: Two Pi Bassreflex plan
Posted by ecc82 on Tue, 15 Apr 2025 17:34:50 GMT
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Thank you very much!

Subject: Re: Two Pi Bassreflex plan
Posted by ecc82 on Wed, 16 Apr 2025 10:11:19 GMT
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Wayne,

I have the "new" DX25 Tweeter, which is 2db "hotter" than the old one. I would love to tame it a little bit.
How can I attenuate it?
Is it possible with a series resistor?

Best regards,
Frank

Subject: Re: Two Pi Bassreflex plan
Posted by Wayne Parham on Wed, 16 Apr 2025 16:51:49 GMT
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We use the DX25TG59-04, which delivers 93dB @ 2.83v, measured at one meter.

Which tweeter do you have?

Subject: Re: Two Pi Bassreflex plan
Posted by ecc82 on Wed, 16 Apr 2025 17:30:06 GMT
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I use exactly this model - but didn't you use the DX25TG09-04 before?
I have read,that the DX25TG09 was 2db less efficient.

My source:
https://sites.google.com/site/undefinition/updates/amigadx25tweeterupdate

Subject: Re: Two Pi Bassreflex plan
Posted by Wayne Parham on Wed, 16 Apr 2025 19:25:20 GMT
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Yes, we used the DX25TG09-04 before the current DX25TG59-04. And before that, we used the DX25TG05-04.
DX25TG05-04
DX25TG09-04
DX25TG59-04

the midwoofer. Not many dome tweeters are sensitive enough to "keep up," so we "cheat" by

At 2.83v, the midwoofer gets one watt but the tweeter gets two. So even though the tweeter is rated 90dB/W/M, it's getting 2 watts, so that increases SPL by 3dB. Said another way, it's 93dB/2.83v/M. That's still a couple dB lower than the midwoofer, but it's a pretty good match and it sounds good.

Subject: Re: Two Pi Bassreflex plan
Posted by ecc82 on Wed, 16 Apr 2025 20:31:26 GMT
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Wayne,
thanks for the clarification.