Subject: Pi Theater Four and B&C compression drivers
Posted by peppennino on Sat, 10 May 2008 09:59:16 GMT
View Forum Message <> Reply to Message

Hi Wayne! I have the intention to switch to B&C DE250 on my Th4 and use the PSD 2002 for rear channel speakers. In that speaker, wich are the most important differences between the Eminence and B&C drivers? What I have to change on Xovers?Many thanks in advance,Vincenzo

Subject: Re: Pi Theater Four and B&C compression drivers
Posted by Wayne Parham on Sat, 10 May 2008 16:21:15 GMT
View Forum Message <> Reply to Message

The DE250 is a little smoother and a little louder. The crossover is a little different as a result.

Subject: Re: Pi Theater Four and B&C compression drivers
Posted by peppennino on Sun, 11 May 2008 09:38:10 GMT
View Forum Message <> Reply to Message

Many thanks, Wayne! What about F.R. with the Eminence horn? Is it more extended on the top?

Subject: Re: Pi Theater Four and B&C compression drivers
Posted by Wayne Parham on Mon, 12 May 2008 18:06:30 GMT
View Forum Message <> Reply to Message

There is a little bit more on the top end and it's a little smoother too. As you can see from the response curve below, the PSD2002 has +/- 2dB ripple and the DE250 is more like +/- 1.5dB. The signal is unequalized, so don't be concerned by the overall falling response. This is normal for a compression driver and is easy to compensate in the crossover.

Subject: Re: Pi Theater Four and B&C compression drivers
Posted by peppennino on Tue, 13 May 2008 17:13:45 GMT
View Forum Message <> Reply to Message

Many thanks, Wayne! very interesting response, mostly for the 8-9K region..Thanks again!Vincenzo