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Subject: Re: Definimax 4012HO - End of Life

Posted by [Wayne Parham](#) on Sun, 08 Sep 2019 22:55:14 GMT

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I've measured the 12PLB100 driver and it works well too. Same deal: It needs the same crossover components as the Definimax 4012HO and the Delta Pro 12. Response from any of those three is similar, with vertical nulls in the same locations.

I'll be adding the Delta Pro 12 and the B&C 12PLB100 drivers as options in the next few days, as well as modifying the schematic to include those drivers in the notes.

Here are the distortion measurements, taken with an 8.9v (10 watt) drive signal:

Fundamental 2nd 3rd 4th 5th 6th

B&C 12PLB100

100Hz 0.50% 0.72% 0.25% 0.04% 0.02%

200Hz 0.78% 0.51% 0.12% 0.02% 0.01%

400Hz 0.79% 0.45% 0.07% 0.01% 0.01%

Eminence Definimax 4012HO

100Hz 0.95% 0.77% 0.34% 0.03% 0.05%

200Hz 0.82% 0.67% 0.32% 0.04% 0.03%

400Hz 0.75% 0.53% 0.26% 0.03% 0.02%

Eminence Delta Pro 12

100Hz 2.12% 2.23% 1.63% 0.44% 0.16%

200Hz 2.37% 2.56% 1.33% 0.31% 0.18%

400Hz 2.54% 2.34% 1.12% 0.38% 0.14%