Subject: Theater 6 speaker
Posted by Angelo.Bonavera on Mon, 14 Dec 2009 18:06:42 GMT
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Hi all and many thanks to Wayne for his advice and his help.

I've finally completed my Theater 6 speakers:

I've used the Eminence Delta 12LF for the woofer, the eminence Delta10 for the midrange and the PSD2002 for the tweeter.

Here the crossover:

I've used caps custom made ASC and caps Pio; coils are from Jantzen.

If someone would like to see more about my Th6, here the link of the whole construction:
http://www.audiocostruzioni.com/a_d/diffusori/theater-6-angelo/theather-6.htm

I use a 300B amp made two years ago and i think that the combination between the 300b and the Th6 is wonderful.
(theDream, 300b link:
http://www.audiocostruzioni.com/a_d/elettroniche/finali-integrati/finale-the-dream-angelo-300b/the-dream-angelo.htm)

To have a better control of the bass sound, I've improved my system to a multiamp.
I've built a solid state amp to use for the bass (Gainclone) and I use the 300b amp (theDream) for the medium and the treble.
Of course I've built an active crossover (12dB / Octave Linkwitz Riley Crossover, a project of Rod Elliott) to separate signal and i've made a little modify to the passive crossover.

The result was very satisfactory, because every amp works better for the right frequencies and the passive crossover is simplified: bass now works as I wanted.

Best regards from Italy
Angelo Bonavera