
Subject: Software for optimizing multi sub parameters
Posted by [Jag768](#) on Mon, 20 Jul 2015 13:05:12 GMT
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I'm finishing up on a project:

- Above modal region a waveguide (dayton 10inch) / 10inch woofer combination for controlled directivity
- 1st order cardioid radiation in the transition zone by using a damped u frame
- multi sub (4) for the modal region (only two shown in image below)

However, I'm having a hard time setting up the four subs. There are endless possibilities. I would really like to try to do a computer based optimisation. I found a tool made by Andy c, however, it doesn't appear to be available.

Does anyone know of software that can optimize multiple subs based on the individually measured responses?

File Attachments

- 1) [Meten4.jpg](#), downloaded 6575 times
 - 2) [Tops.jpg](#), downloaded 6486 times
 - 3) [Tops2.jpg](#), downloaded 6738 times
 - 4) [Directivity_sonogram.png](#), downloaded 6526 times
 - 5) [Directivity_overlays.png](#), downloaded 6435 times
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