Subject: Re: 4 Pi Home Theater Build
Posted by NWCgrad on Wed, 11 Apr 2018 13:12:07 GMT
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tom-m wrote on Mon, 02 April 2018 17:02Heavy duty... Looks good, and big. what are the crossover points?

tom

They are rather large @ 48" H x 28.75" W x 19.5" D. I used the JBL Pro 4355 Monitor and HLA 4895 speakers as inspiration for the build.

Current XO points are:
HF LP-out; HP-3kHz, BW6, 0 dB gain
MF LP-3kHz, BW6, -2 dB gain; HP-200Hz, BW6
LF LP-215Hz, LR24; HP-20Hz, LR48.

Used REW measurments to determine XO slopes, microphone was 6 inches off the front baffle, centered with driver.

Still a work in progress. I wanted to build a speaker of sufficent quality to last for several years. The limitation of the speakers is my ability to dial in the XO and PEQ.

I have heard a lot of great home theaters, using speakers ranging from the JBL Pro M2 (awesome speaker!!!!!), JTR 215, Danley Sound Labs SH50's, and Yorkville Unity U215. WHile all these speakers are top notch, I dont beleive any are clearly superior to the ones I built.

Wayne desrves big kudo's! I started with his excellent 4 Pi's and then using the midhorn from the 7 Pi speaekrs built my dream speaker.