Subject: Line source Bohlender/ATC 's
Posted by auplater on Mon, 18 Dec 2006 23:21:55 GMT
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Here's the latest upgrade to the BG-75 line source, adding an ATC 25" neoplanar

Subject: Re: Line source Bohlender/ATC 's
Posted by Jim Griffin on Sat, 23 Dec 2006 02:18:42 GMT
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Auplater, Impressive design. I trust you have an understanding spouse. Is this a 3 or 4 way design? I see the long ribbon, the two woofers at the base, a ribbon tweeter, and perhaps a short line of planar mids. Tell us more please.Jim

Subject: Re: Line source Bohlender/ATC 's
Posted by auplater on Tue, 26 Dec 2006 23:51:52 GMT
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Thanks Jim..The mid-woofs are peerless HDS 182's crossed over to the BG's at ~600 Hz, 12dB slope, with zobel... BG's take over from 600 Hz to whatever they'll do.. (taking advice from ThomasW re: lower xover point).. ATC 25" neoplanars (silver shiny planar) also in parallel with BG's (padded down to compensate for higher efficiency) also 2nd order (they're good to 18 - 20 KHz, as opposed to BG's 15KHz or so (not that I can hear much above that, but who knows, eh?). The leaf supertweeter forward facing is the venerable panasonic EAS-10th400, which picks up @ 7 KHz out to (infinity and beyond and a rear firing peerless silk dome wired out of phase for dipole use (the BG's and ATC's also dipole) So I guess they're 4 way, sort of...These are augmented with dual sonotube 12" subwoofers arrayed to the sides of our living room ~ 1/2 distance to smooth out standing wave structure in-room.They sound pretty darn good driven with a nak730 receiver, and a modified Adcom 555II.