Subject: alpha
Posted by eki on Sat, 06 Oct 2001 14:53:15 GMT
View Forum Message <> Reply to Message

dimensions and box tuning for single vented box.

Subject: Alpha 10 tuning
Posted by Wayne Parham on Sat, 06 Oct 2001 19:52:32 GMT
View Forum Message <> Reply to Message

An Alpha 10 in a 5 cubic foot box tuned to 40Hz has flat response down to 30Hz.

Subject: Re: Alpha 10 tuning
Posted by eki on Sun, 07 Oct 2001 09:47:41 GMT
View Forum Message <> Reply to Message

Hello Wayne. I want too thank you for all your help. Is this speaker loud at 30hz? or is it barely loud there?

Subject: Re: Alpha 10 tuning
Posted by Wayne Parham on Sun, 07 Oct 2001 13:28:27 GMT
View Forum Message <> Reply to Message

The response curve is flat to 45Hz, down -3dB at 38Hz and -10dB at 30Hz. Its thermal limits and excursion limits are almost the same, giving maximum output of about 110dB at 1 meter. Within the passband, excursion is the limit between 50Hz and 80Hz and heat is the limit above and below that point. Obviously, the excursion limit is quite low below 35Hz, so high pass at that point.

Subject: thank you
Posted by eki on Sun, 07 Oct 2001 14:31:44 GMT
View Forum Message <> Reply to Message

thank's Wayne for all your help.