Floor Bounce and Crossover Point Calculator

This is the same calculation used on the main sheet, but allows adjustment of all parameters

Determines the midrange and woofer null frequencies due to floor bounce
Calculates the optimum crossover frequency based on driver heights

	English			Metric	
	Inch	Feet	Slide	mm	Meter
Listening Height	39	3.25		991	0.99
Listening Distance	108	9.00		2,743	2.74
Midrange Height	38 8/16	3.21		978	0.98
Woofer Height	12 12/16	1.06		324	0.32
Woofer Alignment (fwd)	2 12/16	0.23		70	0.07
Midrange Floor bounce			272	Hz	
Woofer Floor bounce			804	Hz	
Recommended Crossover Frequency			**468**	Hz	

Crossover frequency is the geometric mean of the midrange and woofer floor bounce nulls.

Thanks to Murray Hauschild for putting this page together! (MGH on the boards)

v	3.1		1.0	
Bnc2	2120.0	mm	1380.4	mm
P2	2340.0	mm	1699.1	mm
Bnc1	693.1	mm	1362.8	mm
P1	765.0	mm	1677.3	mm
D1	2891.0	mm	2743.2	mm
delta path	214.0	mm	633.2	mm

Unlocked work space