



Direct Report

Project Name : Basilica
Project N° :
Client :
Address :
Created by :
Date :
Comments : These reports show the sound level consistency and laser beams to indicate the angle of the speaker. This does not show the acoustic effects of sound bouncing off the walls, but the control properties of the loudspeakers used show that most of the energy is on the floor and not the back wall which would cause the most issues.



Speaker deployment table

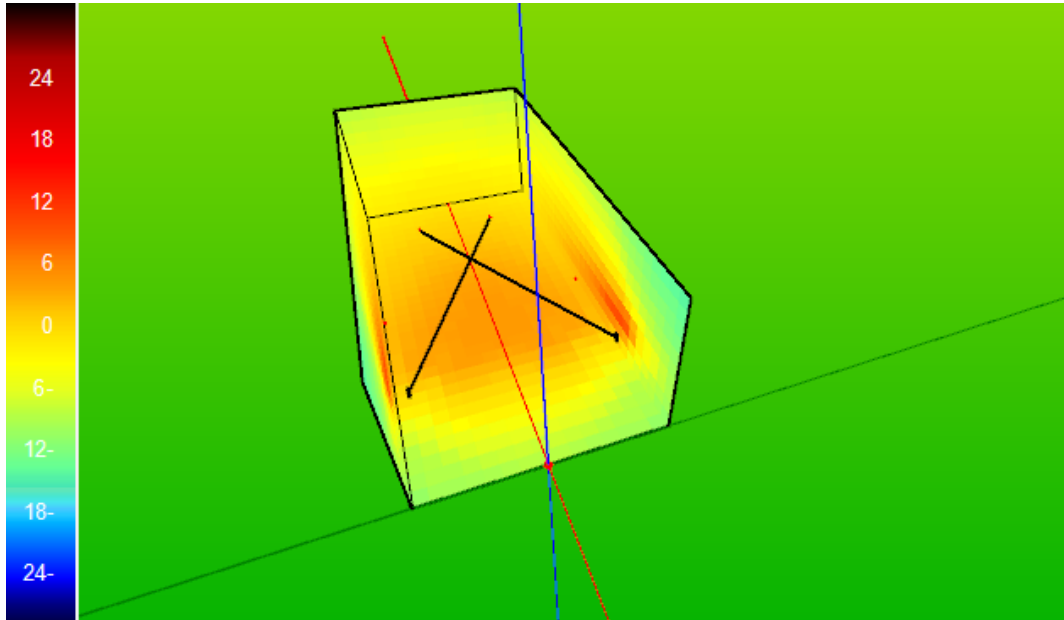
Spk N°	X(ft)	Y(ft)	Z(ft)	Model	Horiz	Incl	Spin
1	19	22	10	SBH20	-29	-12	0
2	19	-22	10	SBH20	29	-12	0
3	56	26	10	SBH20	-31	-12	0
4	56	-23	10	SBH20	31	-12	0

Speakers summary

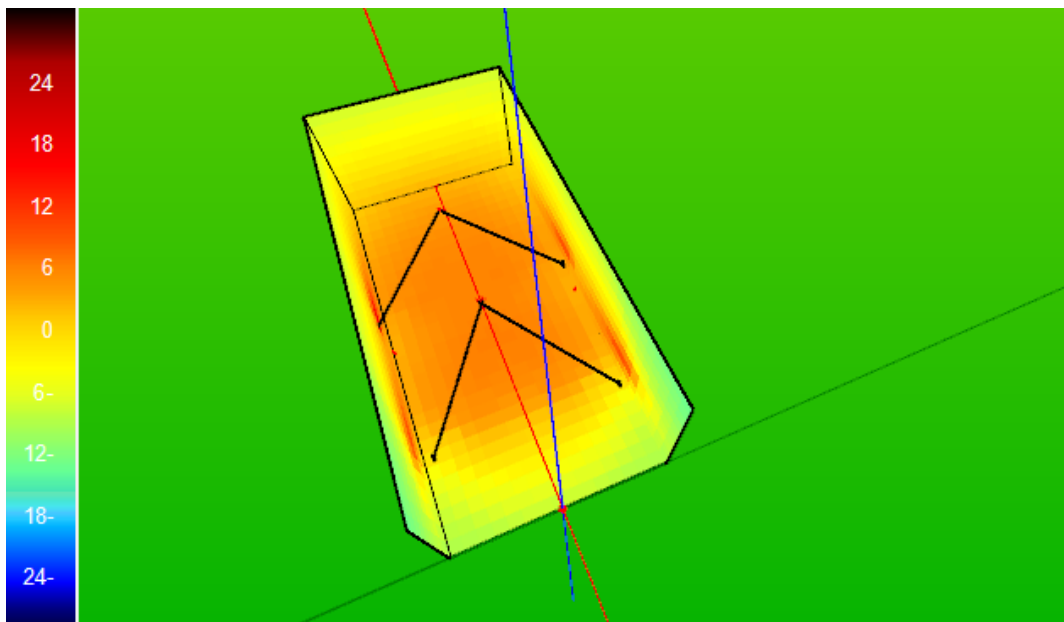
Model	Power Rating	Count	Indiv Weight	Total Weight
SBH20	1300 w	4	50 lbs	200 lbs

Total number of speakers	Total Weight
4	200 lbs

Images

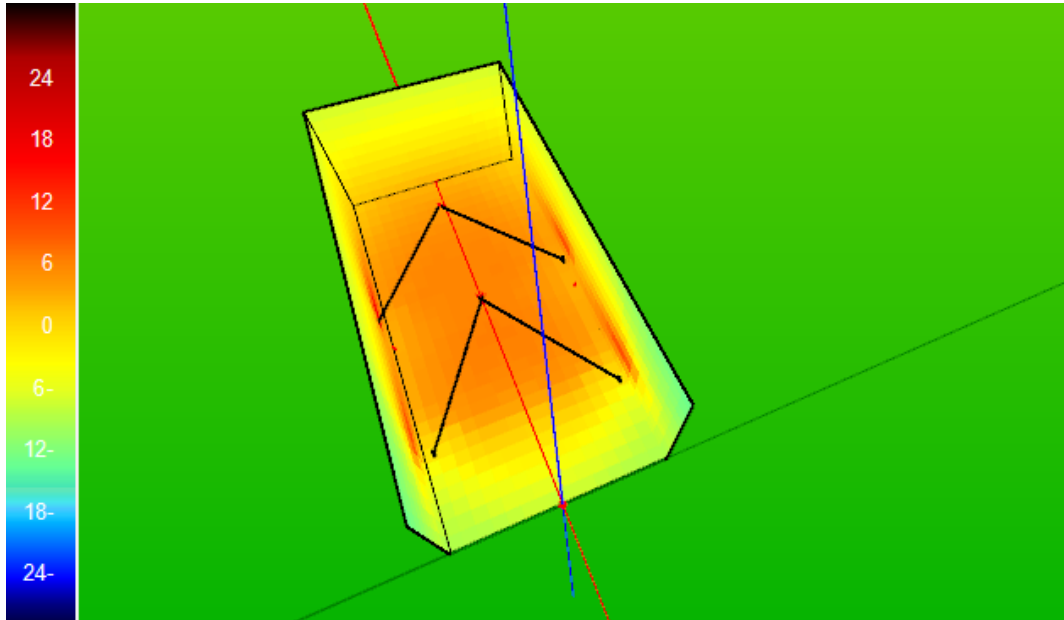


2 speakers - slow drop in sound to back



4 speakers- More even coverage

Images



Average Levels are calculated by subtracting 15dB from the peak rating of the speaker. We have found that a 15dB crest factor is a good average for music content and would better correlate to what you might measure with a simple SPL meter.