

Home Setup

Sergei Tcherepnin, Brooklyn

Note: Tutorial Diversions reminds you to document your own Home Setup before building up any other!

Sergei Tcherepnin's Home Setup is constituted by unevenly positioned Left and Right speakers oriented along a single wall. If your own stereo system is made up of a single unit with integrated speakers and player, simply ignore the calculations for Left and Right speakers and set up your system according to the *Middle-point* and *Mean Speaker Height* calculations below.

Sergei Tcherepnin's Home Setup is oriented along a West wall. To reconstruct Sergei Tcherepnin's Home Setup in your own space, you will need to plug the dimensions of your own West wall into the following equations.

_____ x	$\frac{47}{99}$	=	_____
Total Height of your West wall	Ratio of Sergei Tcherepnin's Left Speaker to the Total Height of his West Wall		Distance from your Left Speaker to the Ground of your West Wall
_____ x	$\frac{32}{99}$	=	_____
Total Height of your West wall	Ratio of Sergei Tcherepnin's Right Speaker to the Total Height of his West Wall		Distance from your Right Speaker to the Ground of your West Wall
_____ x	$\frac{49}{302}$	=	_____
Total Width of your West wall	Ratio of S.T.'s Left Speaker from the Right Side* of his West Wall to the Total Width of his West Wall		Distance from your Left Speaker to the Right Side of your West Wall
_____ x	$\frac{121}{302}$	=	_____
Total Width of your West wall	Ratio of S.T.'s Right Speaker from the Right Side of his West Wall to the Total Width of his West Wall		Distance from your Right Speaker to the Right Side of your West Wall
_____ x	$\frac{79}{198}$	=	_____
<i>Total Height of your North wall</i>	<i>Ratio of S.T.'s Speakers(Mean Height) to the Total Height of his North Wall</i>		<i>Distance from the Ground of your North Wall</i>
_____ x	$\frac{85}{302}$	=	_____
<i>Total Width of your West wall</i>	<i>Ratio of the Middlepoint of S.T.'s Setup from the Right Side his West Wall to the Total Width of his West Wall</i>		<i>Distance from the middle point of your Right Side of your West Wall</i>

* All references to Right or Left in relation to a given wall are references facing that wall



My home Stereo System is an Emerson Triple-Play Linear 3 CD Changer, Model MS3106. The speakers are also made by Emerson, part # 60-1407. They have an impedance of 4 ohms.

Speaker Dimensions: 8" X 5" X 5"

Additional Dimensions:

Ceiling to floor: 8'3"

A from ground: 3'11"

B from ground: 2'8"

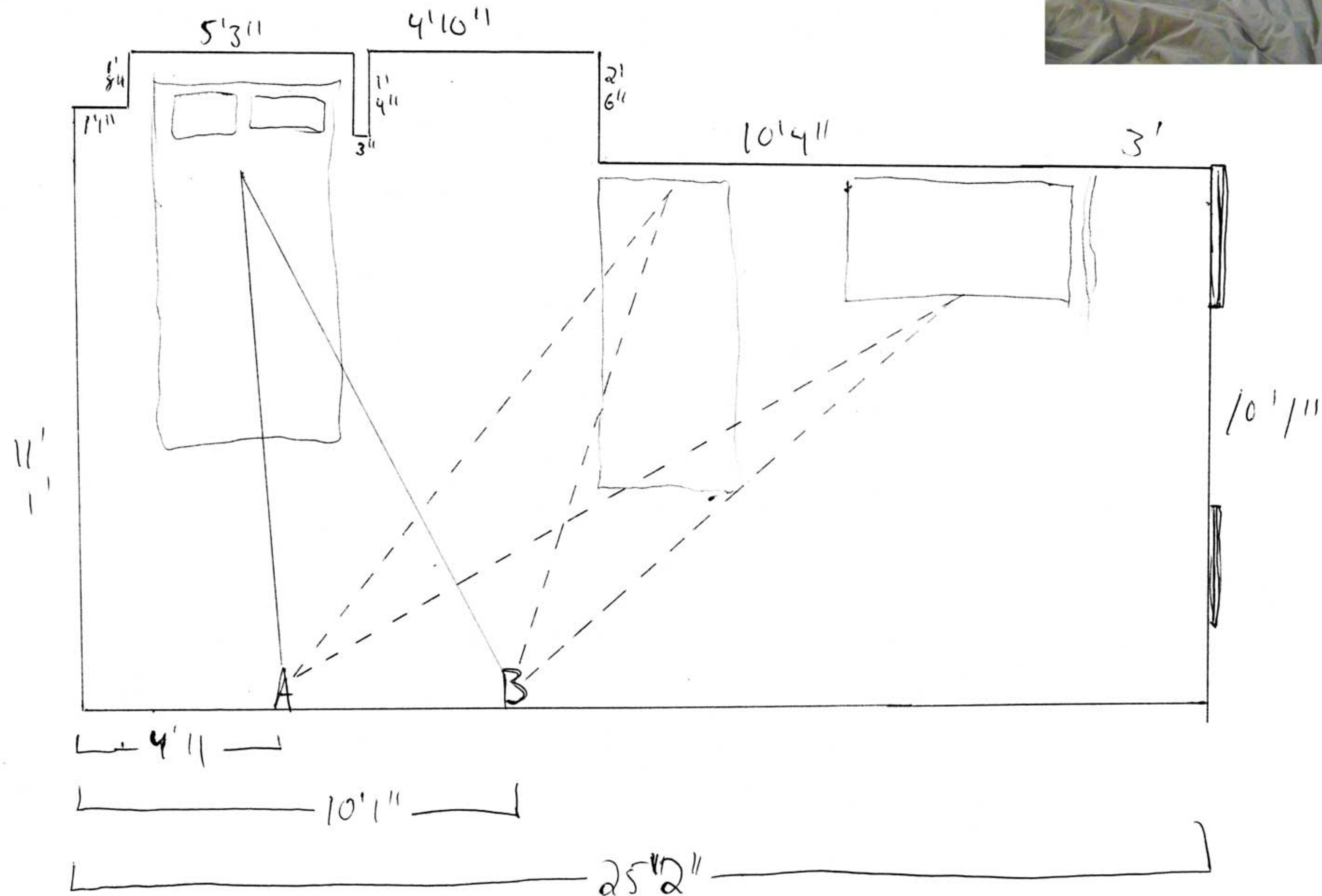
A from left wall: 4'1"

B from left wall: 10'1"

A to Main Listening Position: 10'6"

B to Main Listening Position: 12'2"

The speakers face East.



A = Left
B = Right

Solid Line = Main Listening Position
Dotted Line = Alternate Listening Position

* Note - Not Drawn to Scale



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