

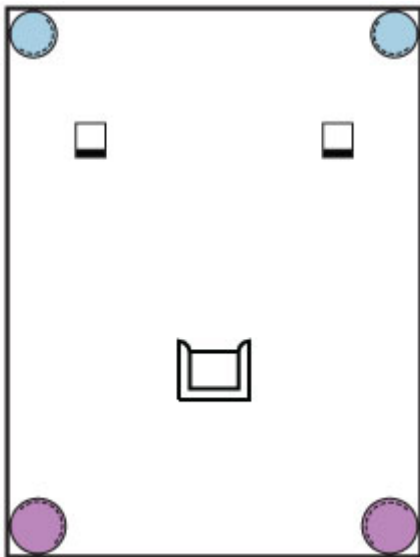
TubeTrap™ Layouts

We've designed the layouts for literally thousands of audiophile's rooms. Here is a summary of many of the more common room layouts that we've encountered.

For specialty speaker layouts click [here](#).

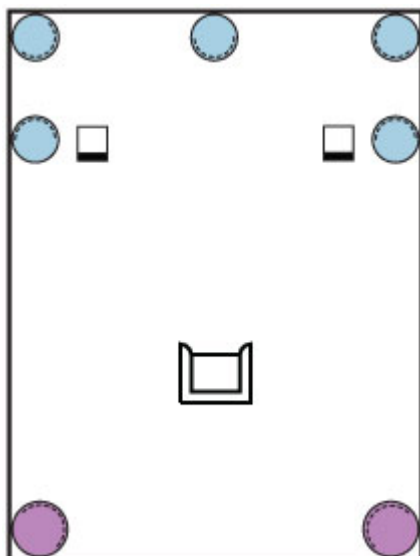
Getting Started

Start by bass trapping the 4 corners of the room. The TubeTraps should be as close as possible to the wall, and touching the wall is perfectly okay. If there's base moulding in the way, Traps can be as far as 1" from the wall. For nightclub or studio mixed music, fit TubeTraps tight into the corner. For classical orchestral music, pull the Traps out a few inches to let the bass be more reverberant.



What's Next

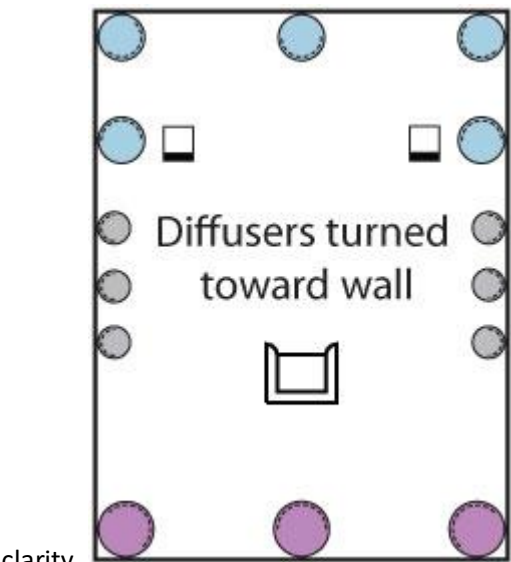
After the corners have been bass trapped, additional TubeTraps are added to help launch the cleanest wave-front possible. This includes a center imaging stack plus side Traps at the wall, in line with the



speakers.

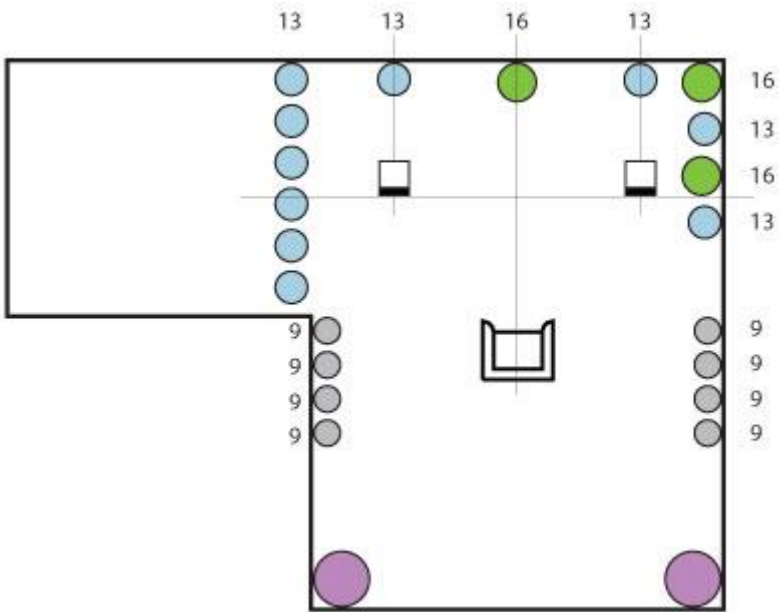
How to Get More Detail

For additional control, add a center stack on the back wall plus left and right arrays along the mid-sidewalls. This will help address secondary reflections give maximum musical detail and soundstage

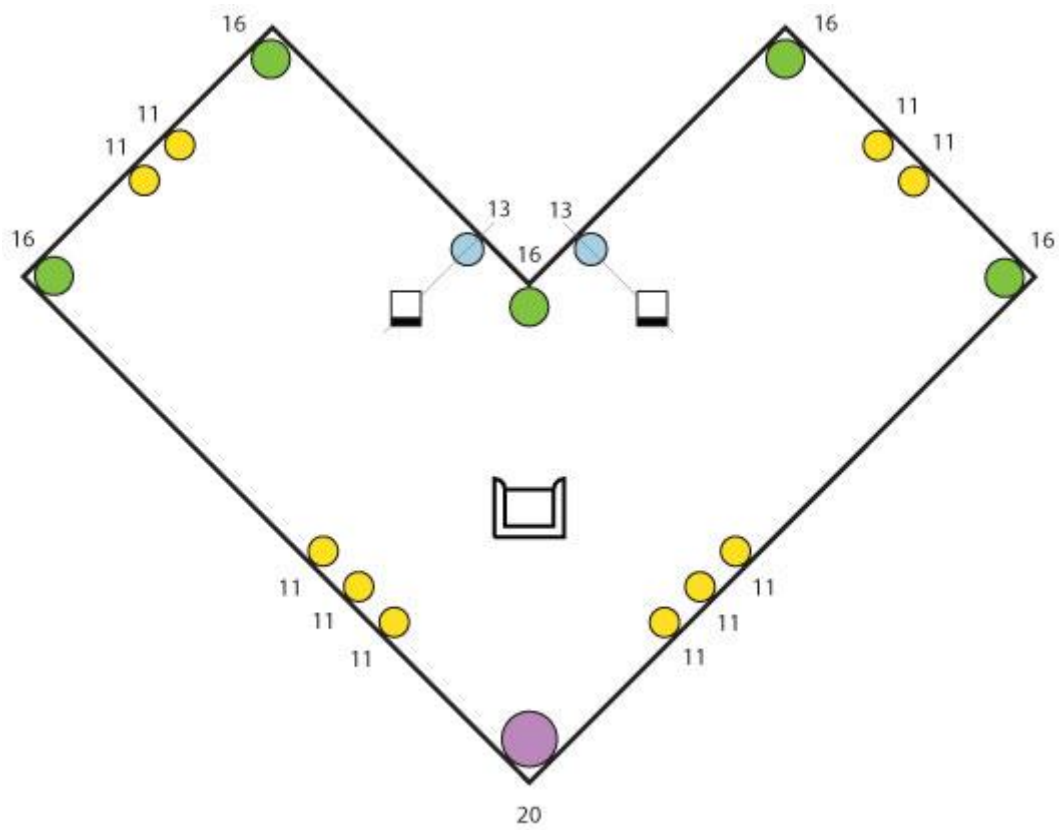


clarity.

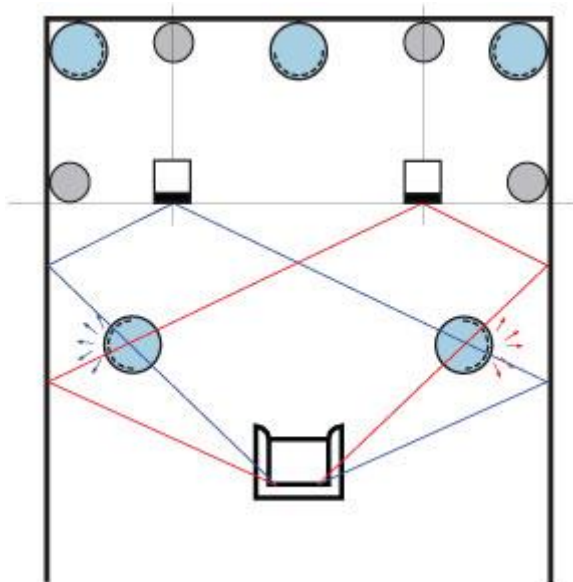
Playing out of Open End of "L" Shaped Room



Playing off a Corner



Widen Stage with Sidewall Backscatter



Side Wall Traps

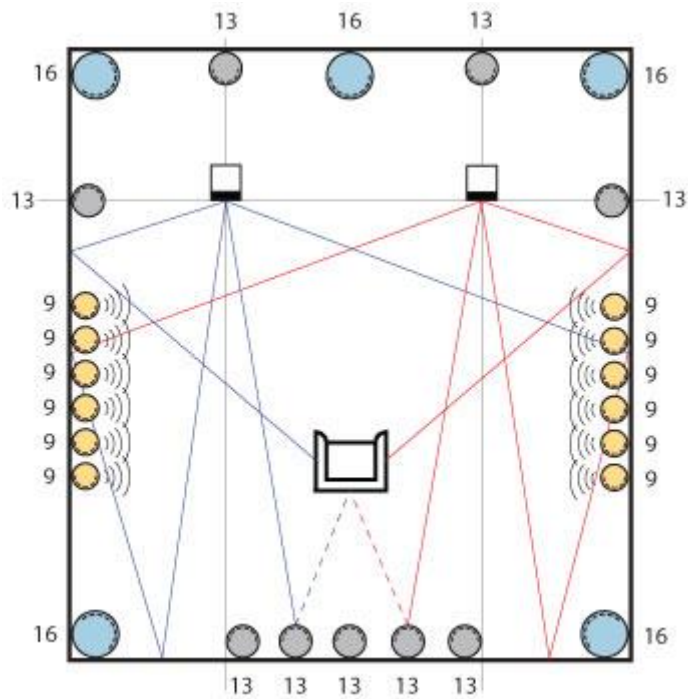
Set the reflectors on Tubes next to speakers towards the front of the room. This will deepen the enhance room ambiance in the front of the room, and deepen the soundstage.

Set the reflectors on the small sidewall Tubes toward the back of the room.

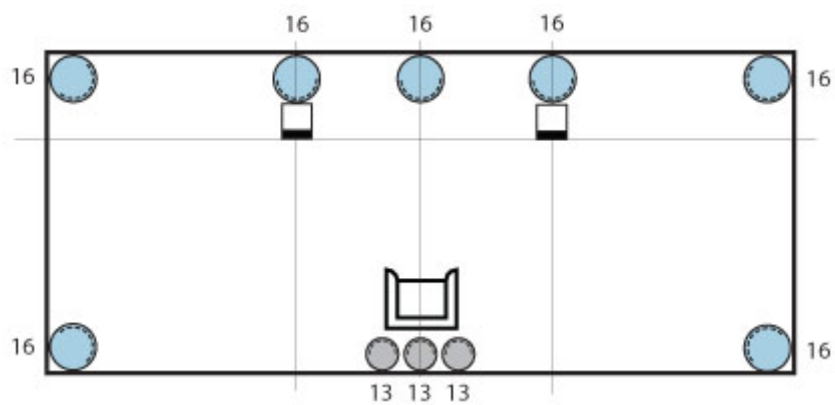
1. Absorb early sidewall reflections

2. 2. Side-scatter late rear wall reflections

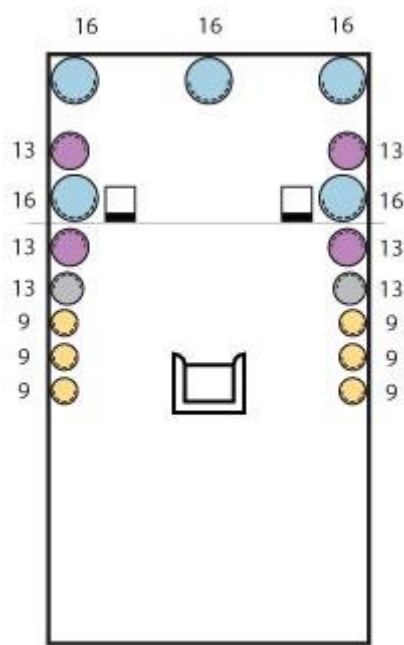
This quiets early lateral reflections which sharpens image, and it adds back late lateral reflections which create ambiance.



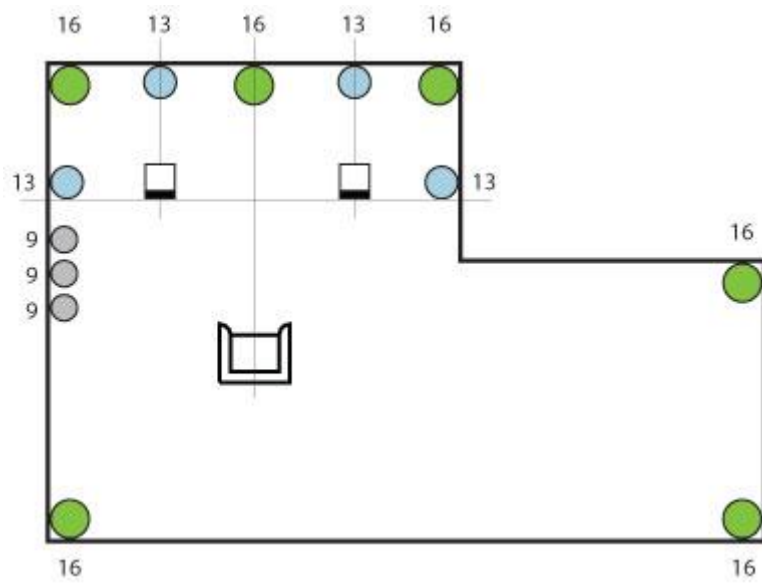
Playing Sideways in a Long Narrow Room



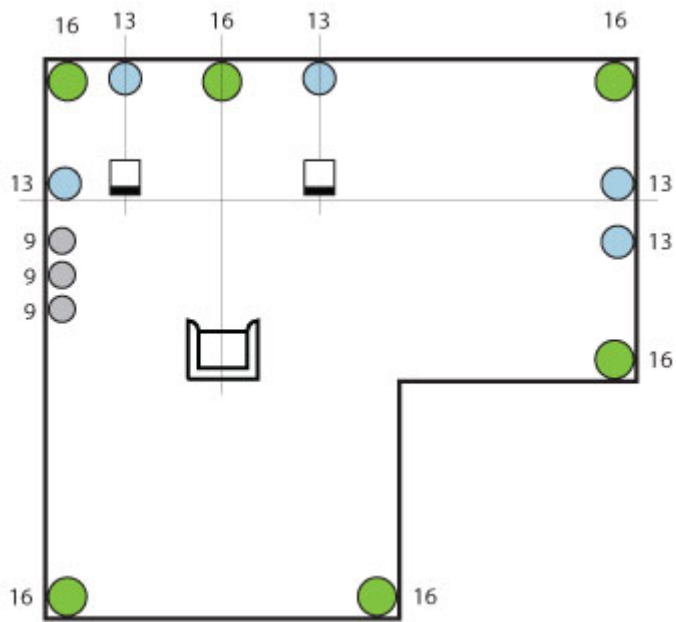
Playing Down a Long Narrow Room



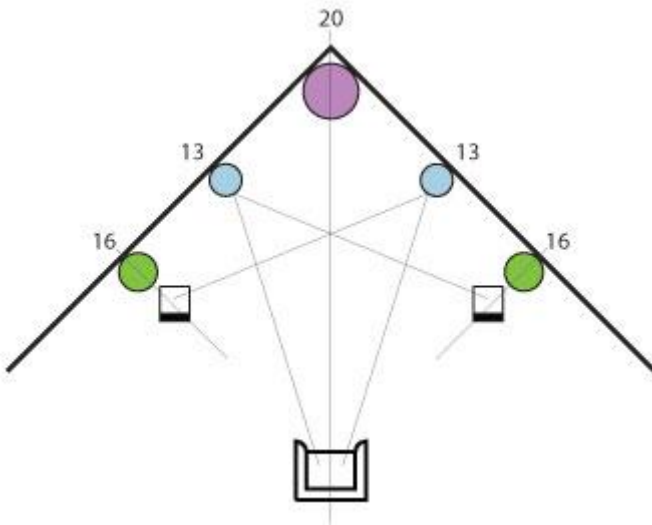
Playing out of End of “L” Shaped Room (Version 1)



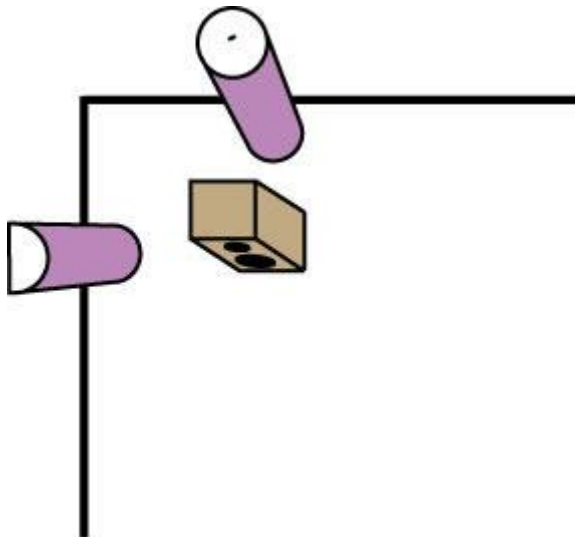
Playing out of End of “L” Shaped Room (Version 2)



Playing Out of a Corner

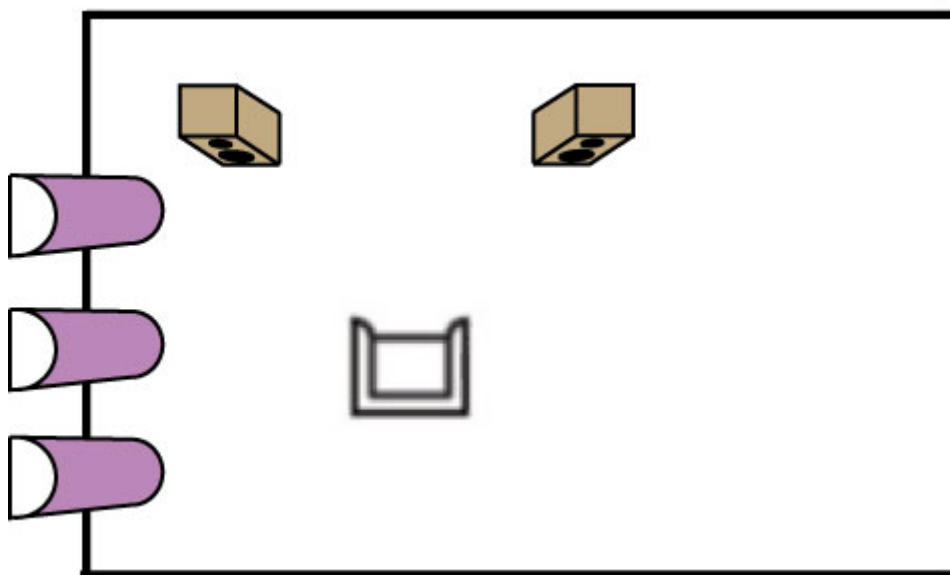


Speakers too close to a wall



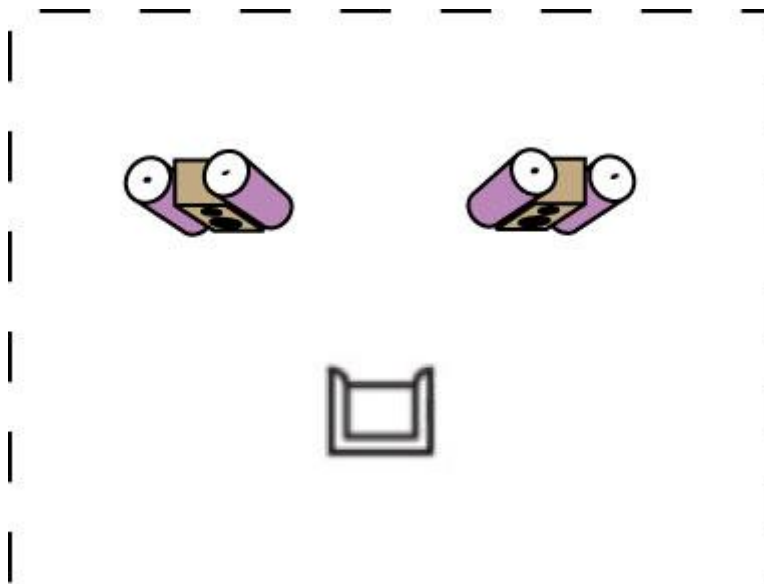
De-couple with a Half-Round or a Full-Round.

"Off - Balance" room



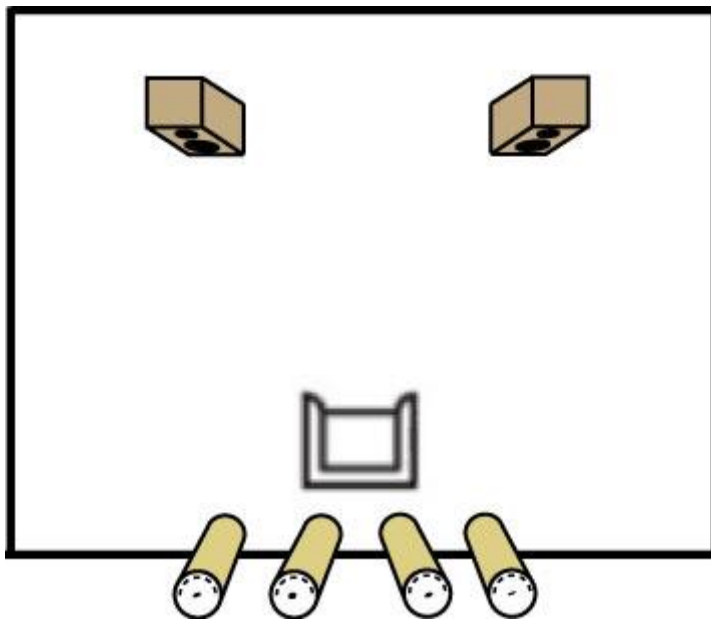
Add acoustics to the near wall, making it sound more like the open side.

Difficult to treat room (all windows or bookcases, or odd shape)



Flank speakers with TubeTraps, reflectors facing back.

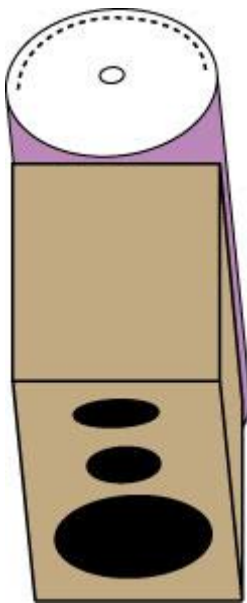
Cure a too close rear wall



Use a series of small TubeTraps or Half-

Rounds

Cancel speaker cabinet "self-resonance"



Use a TubeTrap behind the speaker.