

---

Subject: Re: 7Pi plans

Posted by [Wayne Parham](#) on Mon, 14 Dec 2015 22:12:43 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

The tonal balance is the same, but constant directivity cornerhorns have an advantage in that they do not suffer coloration from early reflections like all other forms of speakers do. They are acoustically close enough to nearest boundaries to act as though they were baffled by the boundaries. They make the wall behind and beside the speaker become a launch point, like a ground plane. So if you have a room with the right corners to support constant directivity cornerhorns, use them. If not, DI-matched mains with flanking subs are the next best thing.

See these links for more information:

High-Fidelity Uniform-Directivity Loudspeakers

Speaker placement and wavefront launch

Room modes, multisubs and flanking subs

---