

---

Subject: Re: Horn Loaded woofers vs Line array woofers Question

Posted by [Wayne Parham](#) on Sat, 17 Oct 2009 19:13:42 GMT

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

---

Indoors, I'd prefer the woofer array because it is distributed. Look at the multisub approach, which smoothes the sound field by breaking up room modes. Outdoors, I'd prefer horns because horn loading increases efficiency by matching the electro-mechanical source impedance with the mechanico-acoustic radiation impedance. You can always do both, stacking horns to form an array. That's what is done at outdoor events where a lot of acoustic power is required.

---