Subject: Unique Speaker Shapes
Posted by Kingfish on Sun, 29 Oct 2023 19:46:05 GMT
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What would be some cool shapes for speakers that would not diminish sound quality? I'll have some time on my hands in a few months to tinker around with it, and all I can come up with are circles and octagons.

Subject: Re: Unique Speaker Shapes
Posted by Wayne Parham on Tue, 31 Oct 2023 13:58:32 GMT
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Some loudspeakers are made in irregular shapes to breakup internal standing waves. I think that is a good idea, but I have found that through careful dimensions, damping material and driver locations, a "good old" rectangular cabinet can be made free of anomalies from standing waves.

Subject: Re: Unique Speaker Shapes
Posted by Strum Drum on Thu, 02 Nov 2023 00:40:35 GMT
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Do you think the wiring goes throughout the design, or is it usually just a high-end, rectangular speaker that's been encased in decorative material? I've seen several incredible designs over the years, particularly at theme parks.

Subject: Re: Unique Speaker Shapes
Posted by Hank on Mon, 22 Jun 2026 06:33:01 GMT
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Well, I've had the opportunity to experiment with building speakers over the years using different shapes. I constructed one in three years ago using a hexagonal plywood material. I think I spent less than 100 bucks making it.

The only mistake that I made was not taking time to smooth the insides, and that affected the sound waves. That's what to watch out for any speaker that you are building.

You can build good speakers in different shapes like smooth cylinders, egg-structured shapes, or even tall tubes. It must not be octagonal or in circular shapes.

When I make mine, I ensure that I measure more than once, especially the internal volume, to avoid repeating the mistake that I did years ago. During building, ensure to test progress with a mic app while treating the room if the need be. Let me know if you need ideas on getting the materials.