Subject: Good, better, best
Posted by Wayne Parham on Wed, 26 May 2004 10:34:58 GMT
View Forum Message <> Reply to Message

I just asked Graeme, and then realized this is a good general question.What are your favorite solutions for speakers under 2 cubic feet, 6 cubic feet, 12 cubic feet and 24 cubic feet?The first two can be used in most homes, the second two in clubs and theaters, and maybe some home applications.Same questions, but with budgets of $200, $1000 and $5000.I don't care to address the over $5000 or unlimited class because the answers become outrageous. It then takes the form of do it all and make the whole planet into a giant hifi. Of course that leads the next to say, why stop there, use the solar system, the galaxy, the universe...But if you can think of something really cool that's a little bigger or a little more expensive, please do tell. Just no fair turning the discussion into one-upmanship. I'm looking for real solutions. What are your fav's?How 'bout your favorite implementations for single drivers, two-way's, three-way's and multi-ways?Your favorite woofer? Midrange? Tweeter? Based on price-performance, specific applications or outright.This ain't a competition, I'm just looking for opinions.

Subject: Re: Good, better, best
Posted by Seeker on Wed, 26 May 2004 13:30:35 GMT
View Forum Message <> Reply to Message

Wayne, my favorite and most realistic sounding speaker is the Proac Response 1sc's. I've always read that since it only has a 5" mid-bass driver, it can't possibly have a decent bass response. Well that is just BS and the result of a common illusion (read confusion). I've tried many times to replace them with horn speakers, but have never found a more realistic sound than what I get with the Proac's. Maybe your speakers produce this 'more realistic sound', but since I have no wood working tools and can't afford to have you make them for me, it may be a while before I can find out. I've had Cornwall's & La Scala's, but ended up selling them.I've also noticed a disconnect between 'high efficiency' & an easy load to drive. I'll take the easy load any day.

Subject: Re: Good, better, best
Posted by Wayne Parham on Wed, 26 May 2004 16:57:41 GMT
View Forum Message <> Reply to Message

I agree with you on the easy load thing. It's not a big deal on powerful amps with low output impedance, and there is a modern trend in loudspeakers to take advantage of this fact. Much of the damping depends on the electrical circuit to provide motor braking for the cone. But for low-power outputs with a little bit higher impedance, the speaker's impedance can become a big deal.Put a medium sized resistor in series with the speaker and it will make no sound anywhere but the speaker's resonant frequency, where it will suddenly become quite loud. That shows just

how peaky system response can become if the speaker's impedance curve is peaky and it is used with a low power amp with high output impedance, i.e. SET.As for favorites, I'll put you down for the Proac Response 1sc. It's a mini-monitor with a 5" midwoofer and a 3/4" dome tweeter, and it does look like it must be a real nice speaker. Street price is about $2000.00. I've heard some sweet little speakers of this type, so I can understand your attraction to them. Some are fairly efficient, but most are low and medium efficiency speakers, focusing more on response linearity than dynamic range.Most mini-monitors are like single driver speakers to me, but with a flatter response curve. Some would probably say a mini-monitor speaker like your Proac is more analytical or refined, and that a single driver speaker was more emotionally involving or words to that effect. I kinda like each type, when they're done right.You would probably like Akhilesh's speakers that he built with Trusonic midwoofers and Vifa soft dome tweeters. Oops - Akhilesh would not approve of my using the term midwoofer. They're full-range speakers with a super-tweeter just for air. But whatever you call them, they sound a lot like a good mini-monitor. Easy load for tube amps, and a refined sound. Pretty efficient too; I don't know how much power is safe to send 'em but if they'll handle 25 watts, they would be capable of pretty loud bursts. That's pretty important when trying to play an orchestra or anything else with wide dynamic range.Well, I've rambled long enough.Your vote is duly noted for Proac Response 1sc, with 5" midwoofer, 3/4" tweeter and $2000.00 price tag.

Subject: Re: Good, better, best
Posted by bildo joseppie on Sat, 05 Jun 2004 18:03:46 GMT
View Forum Message <> Reply to Message

yo yo yo ....
