Subject: budget eminence clone
Posted by amature speaker builder o on Tue, 30 Dec 2003 13:48:32 GMT
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hi forum! i am planning to build a sub, but can't afford the eminence kilomax 15 i desire. this manufacturer appears to make a very similar speaker. it looks very similar, down to the heatsink. i would appreciate suggestions very much!there is a samll english pdf for this speaker:http://www.produktinfo.conrad.com/cgi-bin/dlc/dlc.cgi?art=300865&lang=DE Type CPA 15-1000 (RMS) 1000 W music power 3000 W Impedance 8§? 20-2500 Hz 1W 1m 98 dB cut out-¨ª 360 mm external diameter-¨ª 404 mm Qts 0.192 Qes 0.197 Qms 8.314 Vas 221,7 l i do notice that t s stats are quite different from the eminence. Obviously the box will be a different size, but what else should i look out for?thanks a lot guys!

Subject: Re: budget eminence clone
Posted by Chris R on Tue, 30 Dec 2003 17:52:34 GMT
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Is this for live performances or home? There's no way you'llneed a 1000W, 97dB woofer for home. Pick a dollar figure and surfthrough the Parts Epress web site/catalog and see what you can pickfrom. PE has lots of choices including the sub amps. Run yourpicks through the speaker design tools Wayne provides and pick theone that best matches your needs.I bought the 250W, non-remote amp for use with an off-model Eminence 15" I bought on eBay for $35, and I'm sure its not getting more than20W-50W, and it drives us out of the room.Chris

Subject: details...
Posted by amature speaker builder o on Tue, 30 Dec 2003 19:44:45 GMT
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thanks for your comments chris! i love it loud at home, but no, not that loud! this is for small mobile disco use, for 200 - 500 people, occasionally more, generally indoors. i was hoping to use 4 of these or other 15" subs, the trouble is the cabs need to fit in my old audi 80, so size is an issue. and yes i hope to use wayne's programs, but i need to work out how to convert metric to imperial values

Subject: Re: budget eminence clone
Posted by Wayne Parham on Tue, 30 Dec 2003 19:56:04 GMT
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The specs look good for a midwoofer, but I might reconsider use of this device for a subwoofer. It has high power handling capability and good efficiency, and those will probably make it excellent for midbass punch. Qts is low so your box size will be small, but that is also why it might not be best suited as a subwoofer. It may work well as a sub in an EBS alignment though - Grab a copy of BoxPlot and see.

Subject: Re: details...
Posted by Chris R on Wed, 31 Dec 2003 02:25:08 GMT
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BoxPlot will accept either values and I think if you switch betweensystems, it converts all the fields automatically. As for haulingthese, I think you should look into a trailer unless an Audi 80is a station wagon. :^) Parts Express has a speaker selectorwizard on their web site. You enter your usage, size, box size,etc, and it gives you a list of speakers that are close. At leastit narrows the list down. To keep the size down, consider some12" drivers.Chris

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Subject: Re: details...
Posted by amature speaker builder o on Wed, 31 Dec 2003 14:23:10 GMT
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the trailer is a matter of money. will get one sometime next year, finances allowing. the car is a saloon, i could fit 4 4cubic foot subs in the back - carefully, with seats folded down. maybe i should get the eminence kappa 15 lfa, seems right for a compact sub. won't have the power hadling i hoped for, seems very suitable though. i can't see any reason i should get the cast frame version, maybe i should as the price is very close. thanks for your responses, oyou've cetainly given me food for thought!
