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Subject: Re: jbl 2205 vs eminence omega 15

Posted by [Wayne Parham](#) on Tue, 16 Dec 2008 17:34:43 GMT

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I like the Omega 15 but it is not as clean sounding as the 2205 at midrange frequencies. The 2205 has a shorting ring for reduced distortion, and you can really hear the difference, especially when used as a midwoofer. Its successors, the 2225 and 2226, have additional incremental improvements, mostly improved heat control. The things that are most important in a high-efficiency midwoofer like this all revolve around midrange quality, so cone construction (flex damping) and motor construction (immunity to flux modulation) are what set apart the good/better/best quality points. The JBL 22xx series has long set the standard, in my opinion, for large format midwoofers. If intended use is purely below 100Hz, there is probably little to be gained by using the more expensive JBL drivers. But if the driver will be used up to even just 300Hz, I'd

because the woofer and midrange are allowed to overlap in the lower midrange band, to mitigate floor bounce and high-frequency room modes just under the Schroeder frequency. The quality difference is even greater when the woofer is used up to the frequency where DI begins to

loudspeaker.

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